This 4-year academic plan is for freshmen entering Queens College in Fall 2022. Our 4-year academic plans are illustrative examples of integrated degree requirements and course sequencing for each of the College’s programs of study which are designed to ensure degree completion in a timely manner. Students are advised to meet with professional and faculty advisors to tailor their degree maps to their individual interests (academic and career goals), as well as other considerations including course offerings and the incorporation of winter and summer sessions. Course pre-requisite/s and co-requisite/s are strictly enforced, as are entrance and maintenance criteria (if applicable) for the successful completion of the degree.
# Queens College
## Geology BA
### Four Year Academic Plan

### Freshman

#### Fall
- **English Composition I (EC1)**  3 credits
- **GEOL 101 (LPS)**                          4 credits
  - Physical Geology
- **World Culture & Global issues (WCGI)**  3 credits
- **U.S Experience in its Diversity (USED)**        3 credits
- **Creative Expression (CE)**                                          3 credits

**Fall total credits**  16 credits

#### Spring
- **English Composition II (EC2)**                                3 credits
- **GEOL 102 (SW)**       4 credits
  - Historical Geology
- **MATH 151*¥ (MQR)**      4 credits
  - Calculus/Differentiation and Integration
- **Individual & Society (IS)**      3 credits

**Spring total credits**  14 credits

### Sophomore

#### Fall
- **GEOL 200**      3 credits
  - Methods in Geoscience
- **GEOL 201**         4 credits
  - Minerals, Igneous and Metamorphic
- **College Option Literature (LIT+W)**  3 credits
  - With Writing Intensive Unit**
- **College Option Language (LANG)**  4 credits
  - Minor or general electives***

**Fall total credits**  17 credits

#### Spring
- **CHEM 1134 + 1131 (SCI)**                       5 credits
  - General Chemistry I with Lab
- **GEOL 216**                          3 credits
  - Oceans and Atmosphere
- **And Additional Flexible Core**      3 credits
  - Minor or general electives***

**Spring total credits**  14 credits

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*Note: Some required Geology courses are currently offered each semester, others annually or on a 3-semester rotation. Sequence shown below will vary depending on where a student enters the rotation, but there is enough flexibility to guarantee completion of the BA degree in 4 years.

General Education requirements may be taken in any order if the pre-requisite requirement(s) is/are satisfied.

*Depends on student’s math placement. May require pre-calculus + Math 141

**If a Literature course is taken with a W, it will count towards Literature and one Writing Intensive Unit.

¥ Students who fail or withdraw from this course multiple times may be prohibited from majoring in the sciences or mathematics; see your department for questions.
# Queens College

**Geology BA**

**Four Year Academic Plan**

## Junior

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>GEOL 208</td>
<td>Sedimentology and Landscape</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>PHYS 1454+ 1451 (SCI) or 1214 + 1211</td>
<td>General Physics I with Lab</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>One Writing Intensive Unit (W)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Minor or general electives</td>
<td></td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Fall total credits</strong></td>
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<td><strong>15 credits</strong></td>
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<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>GEOL 214</td>
<td>Earth’s Internal Processes</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Geology/Environmental Science electives (200- and 300-level)</td>
<td>Minor or general electives</td>
<td>9</td>
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<tr>
<td></td>
<td><strong>Spring total credits</strong></td>
<td></td>
<td><strong>15 credits</strong></td>
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## Senior

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>ENSCI 100 (LPS, SW, SCI)</td>
<td>Our Planet in 21st Century</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Minor or general electives</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td><strong>Fall total credits</strong></td>
<td></td>
<td><strong>16 credits</strong></td>
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</table>

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<tr>
<th>Semester</th>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>Geology/Environmental Science electives (200- and 300-level)</td>
<td>Minor or general electives</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td><strong>Spring total credits</strong></td>
<td></td>
<td><strong>13 credits</strong></td>
</tr>
</tbody>
</table>

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***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.