This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2018 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 pre-requisite/s and co-requisite/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.
QUEENS COLLEGE
Geology BA

FOUR-YEAR ACADEMIC PLAN

Freshman

<table>
<thead>
<tr>
<th>FALL</th>
<th></th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition I (EC1)</td>
<td>3 credits</td>
<td>English Composition II (EC2)</td>
</tr>
<tr>
<td>GEOL 101 (LPS)</td>
<td>4 credits</td>
<td>GEOL 102 (SW)</td>
</tr>
<tr>
<td>Physical Geology</td>
<td></td>
<td>Historical Geology</td>
</tr>
<tr>
<td>World Culture &amp; Global issues (WCGI)</td>
<td>3 credits</td>
<td>MATH 151* (MQR)</td>
</tr>
<tr>
<td>U.S Experience in its Diversity (USED)</td>
<td>3 credits</td>
<td>Calculus/Differentiation and Integration</td>
</tr>
<tr>
<td>Creative Expression (CE)</td>
<td>3 credits</td>
<td>Individual &amp; Society (IS)</td>
</tr>
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</table>

Fall total credits 16 credits

<table>
<thead>
<tr>
<th>SPRING</th>
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<tbody>
<tr>
<td>CHEM 1134 + 1131 (SCI)</td>
<td>5 credits</td>
<td>GEOL 200</td>
</tr>
<tr>
<td>General Chemistry I with Lab</td>
<td></td>
<td>Methods in Geoscience</td>
</tr>
<tr>
<td>GEOL 216</td>
<td></td>
<td>GEOL 201</td>
</tr>
<tr>
<td>Oceans and Atmosphere</td>
<td></td>
<td></td>
</tr>
<tr>
<td>And Additional Flexible Core</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor or general electives***</td>
<td></td>
<td></td>
</tr>
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Spring total credits 14 credits

Sophomore

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<tr>
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<tbody>
<tr>
<td>GEOL 200</td>
<td>3 credits</td>
<td>CHEM 1134 + 1131 (SCI)</td>
</tr>
<tr>
<td>Methods in Geoscience</td>
<td></td>
<td>General Chemistry I with Lab</td>
</tr>
<tr>
<td>GEOL 201</td>
<td>4 credits</td>
<td>GEOL 216</td>
</tr>
<tr>
<td>Minerals, Igneous and Metamorphic</td>
<td></td>
<td>Oceans and Atmosphere</td>
</tr>
<tr>
<td>College Option Literature (LIT+W)</td>
<td>3 credits</td>
<td>And Additional Flexible Core</td>
</tr>
<tr>
<td>With Writing Intensive Unit**</td>
<td></td>
<td>Minor or general electives***</td>
</tr>
<tr>
<td>College Option Language (LANG)</td>
<td>4 credits</td>
<td></td>
</tr>
<tr>
<td>Minor or general electives***</td>
<td>3 credits</td>
<td></td>
</tr>
</tbody>
</table>

Fall total credits 17 credits

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. 
### Geology BA

#### FOUR-YEAR ACADEMIC PLAN

**Junior**

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 208 Sedimentology and Landscape</td>
<td>GEOL 214 Earth’s Internal Processes</td>
</tr>
<tr>
<td>4 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>PHYS 1214 + 1211 (SCI) or 1454+ 1451</td>
<td>GEOL electives</td>
</tr>
<tr>
<td>General Physics I with Lab</td>
<td>3 credits</td>
</tr>
<tr>
<td>One Writing Intensive Unit (W)</td>
<td>Minor or general electives</td>
</tr>
<tr>
<td>3 credits</td>
<td>9 credits</td>
</tr>
<tr>
<td>Minor or general electives</td>
<td>Spring total credits</td>
</tr>
<tr>
<td>3 credits</td>
<td>15 credits</td>
</tr>
<tr>
<td><strong>Fall total credits</strong></td>
<td><strong>Spring total credits</strong></td>
</tr>
<tr>
<td><strong>15 credits</strong></td>
<td><strong>15 credits</strong></td>
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</table>

**Senior**

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSCI 100 (LPS, SW, SCI)</td>
<td>Geology Electives</td>
</tr>
<tr>
<td>Our Planet in 21st Century</td>
<td>3 credits</td>
</tr>
<tr>
<td>Minor or general electives</td>
<td>Minor or general electives</td>
</tr>
<tr>
<td>4 credits</td>
<td>10 credits</td>
</tr>
<tr>
<td><strong>Fall total credits</strong></td>
<td><strong>Spring total credits</strong></td>
</tr>
<tr>
<td><strong>16 credits</strong></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.