

QUEENS COLLEGE

Geology BA

FOUR-YEAR ACADEMIC PLAN

12 Required Core Credits

18 Flexible Core Credits

12 College Option Credits

46 Major Credits

32 Elective credits

This 4-year academic plan is for freshmen entering Queens College in Fall 2024.

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.

Geology BA

FOUR-YEAR ACADEMIC PLAN

Freshman

FALL

| | |
|--|-----------|
| English Composition I (EC1) | 3 credits |
| GEOL 101 (LPS) | 4 credits |
| Introduction to Planet Earth | |
| 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 |
| History of Earth & Life | |
| MATH 141 or 151*¥ (MQR) | 4 credits |
| Calculus/Differentiation and Integration | |
| Individual & Society (IS) | 3 credits |

Spring total credits 14 credits

Sophomore

FALL

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|--|-------------|
| GEOL 200 | 3 credits |
| Methods in Geoscience | |
| ≠First of the four classes from: (GEOL 201, 203, 208, 213W, 214, and 216) | 3/4 credits |
| College Option Literature(LIT+W) With Writing Intensive Unit** | 3 credits |
| College Option Language (LANG) | 4 credits |
| Minor or general electives*** | 3 credits |

Fall total credits 16/17 credits

SPRING

| | |
|---|-------------|
| CHEM 1134 + 1131 (SCI) | 5 credits |
| General Chemistry I with Lab | |
| ≠Second of the four classes from: (GEOL 201, 203, 208, 213W, 214, and 216) | 3/4 credits |
| And Additional Flexible Core | 3 credits |
| Minor or general electives*** | 3 credits |

Spring total credits 14/15 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.

**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.

Geology BA

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Junior

FALL

| | |
|--|-------------|
| ≠Third of the four classes from: (GEOL 201, 203, 208, 213W, 214, and 216) | 3/4 credits |
| PHYS 1214 + 1211 (SCI) or 1454 + 1451 | 5 credits |
| General Physics I with Lab | |
| One Writing Intensive Unit (W) | 3 credits |
| Minor or general electives | 3 credits |

Fall total credits **14/15 credits**

SPRING

| | |
|---|-------------|
| ≠Fourth of the four classes from: (GEOL 201, 203, 208, 213W, 214, and 216) | 3/4 credits |
| €First Advanced & Elective course | 3 credits |
| Minor or general electives | 9 credits |

Spring total credits **15/16 credits**

Senior

FALL

| | |
|----------------------------|------------|
| ENSCI 100 (LPS, SW, SCI) | 4 credits |
| Our Planet in 21st Century | |
| Minor or general electives | 11 credits |

Fall total credits **15 credits**

SPRING

| | |
|------------------------------------|------------|
| €Second Advanced & Elective course | 3 credits |
| Minor or general electives | 12 credits |

Spring total credits **15 credits**

≠**Four courses among:** GEOL 201, 203, 208, 213W, 214, and 216.

€**Advanced and Elective Courses:** Two additional courses among GEOL 201, 202, 208, 213W, 214, 216, 318, 328W, 330, 333, 347, 361.3, 363, 365, 370 and ENSCI 200, 303. Up to 3 credits of GEOL/ENSCI 383 may also count towards this requirement. Students uncertain about career paths are advised to take GEOL 361.3.

*****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.