

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 2025.

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.

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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	
CHEM 1134 & 1131 (SCI)	5 credits
General Chemistry I with Lab	
MATH 141 or 151*¥ (MQR)	4/5 credits
Calculus/Differentiation and Integration	

Spring total credits

16/17 credits

Sophomore

FALL

GEOL 200	3 credits
Methods in Geoscience	
<u>One</u> 200-level Core Course Elective≠	3 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 credits

SPRING

Individual & Society (IS)	3 credits
<u>One</u> 200-level Core Course Elective≠	3 credits
Additional Flexible Core	3 credits
ENSCI 100 (LPS, SW, SCI)	4 credits
Our Planet in 21st Century	
Minor or general electives***	3 credits

Spring total credits

16 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.

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Junior

FALL

<u>One</u> 200-level Core Course Elective≠	3 credits
First Advanced & Elective course€	3 credits
One Writing Intensive Unit (W)	3 credits
Minor or general electives	3 credits
Minor or general electives	3 credits

Fall total credits

15 credits

SPRING

<u>One</u> 200-level Core Course Elective≠	3 credits
Minor or general electives	12 credits

Spring total credits

15 credits

Senior

FALL

PHYS 1214 & 1211 (SCI) or 1454 & 1451	5 credits
General Physics I with Lab	
Minor or general electives	10 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, 212W (old course number 313W), 214, and 216.

€**Advanced and Elective Courses:** Two additional courses among GEOL 201, 203, 208, 212W (old course number 313W), 214, 216, 318, 328W, 330, 333, 347, 361 (including both 361.3 & 361.1), 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 (including both 361.3 & 361.1).

***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.