

QUEENS COLLEGE

Geology BS

FOUR-YEAR ACADEMIC PLAN

12 Required Core Credits

18 Flexible Core Credits

12 College Option Credits

61 Major Credits

17 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
Individual & Society (IS)	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)	3/4 credits
Calculus/Differentiation and Integration	
CHEM 1134 & 1131B (SCI)	5 credits
General Chemistry I with Lab	

Spring total credits

15/16 credits

Sophomore

FALL

GEOL 200	3 credits
Creative Expression (CE)	3 credits
MATH 142 or 152¥	3/4 credits
Calculus/Integration & Infinite Series	
CHEM 1144 & 1141B (SCI)	5 credits
General Chemistry II with Lab	
Minor or General electives	1 credit

Fall total credits

15/16 credits

SPRING

<u>Two</u> 200-level Core Course¥	6 credits
ENSCI 100 (LPS, SWT, SCI)	4 credits
Our Planet in the 21st Century	
PHYS 121.4 and 121.1 or 145.4 and 145.1B	5 credits

Spring total credits

15 credits

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>Two</u> 200-level Core Course	6 credits
PHYS 122.4 and 122.1 or 146.4 and 146.1 ^β	5 credits
GEOL 361.3	3 credits
General Problem Solving I	
Minor or General electives	1 credit

Fall total credits **15 credits**

SPRING

First Advanced and Elective Course [€]	3 credits
GEOL 361.1	1 credit
General Problem Solving II	
College Option Literature (LIT +W) With Writing Intensive Unit ^{**}	3 credits
College Option Language (LANG)	4 credits
Minor or General electives	4 credits

Spring total credits **15 credits**

Senior

FALL

Second Advanced and Elective Course [€]	3 credits
One Writing Intensive Unit (W)	3 credits
Minor or General electives	9 credits

Fall total credits **15 credits**

SPRING

Third Advanced and 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:

Three additional courses among GEOL 201, 203, 208, 212W (old course number 313W), 214, 216, 318, 328W, 330, 333, 347, 363, 365, 370 and ENSCI 200, 303. Up to 3 credits of GEOL/ENSCI 383 may also count towards this requirement. Students interested in the New York State Professional Geologist title are advised to take GEOL 333, 347, and 363 as electives.

^β Fifteen **(15) credits among:** CHEM 113.4 and 113.1, CHEM 114.4 and 114.1, PHYS 121.4 and 121.1 or 145.4 and 145.1, PHYS 122.4 and 122.1 or 146.4 and 146.1.