12   Required Core Credits

18   Flexible Core Credits

12   College Option Credits

49   Major Credits

29   Elective Credits

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120   Total

This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2020 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   CUNY

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***	3 credits
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***	3 credits
Spring Total Credits	**14 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.

QUEENS COLLEGE

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Geology BA

FOUR YEAR ACADEMIC PLAN

Junior

FALL

GEOL 208	4 credits
Sedimentology and Landscape	
PHYS 1454+ 1451 (SCI)	5 credits
or 1214 + 1211	
General Physics 1 with Lab	
One Writing Intensive Unit (W)	3 credits
Minor or general electives	3 credits
Fall Total Credits	**15 credits**

SPRING

GEOL 214	3 credits
Earth's Internal Processes	
Geology/Environmental Science electives	3 credits
(200- and 300-level)	
Minor or general electives	9 credits
Spring total credits	**15 credits**

Senior

FALL

ENSCI 100 (LPS, SW, SCI)	4 credits
Our Planet in 21st Century	
Minor or general electives	12 credits
Fall Total Credits	**16 credits**

SPRING

Geology/Environmental Science electives	3 credits
(200- and 300-level)	
Minor or general electives	10 credits
Spring Total Credits	**13 credits**

***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.

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