

# Geology BA

## FOUR-YEAR ACADEMIC PLAN

**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 2019 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

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#### 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.

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#### Junior

##### FALL

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

**Fall total credits** **15 credits**

##### SPRING

GEOL 214 Earth's Internal Processes	3 credits
Geology/Environmental Science electives (200- and 300-level)	3 credits
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 (200- and 300-level)	3 credits
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 an 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.