

# Geology BS

## FOUR-YEAR ACADEMIC PLAN

**12** Required Core Credits

**18** Flexible Core Credits

**12** College Option Credits

**67** Major Credits

**11** 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

## Geology BS

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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	
CHEM 1134+1131 (SCI)	5 credits
General Chemistry I	
MATH 152	4 credits
Calculus/Integration & Infinite Series	
An Additional Flexible Core	3 credits

**Fall total credits**

**15 credits**

##### SPRING

GEOL 201	4 credits
Minerals, Igneous and Metamorphic	
CHEM 1144+1141 (SCI)	5 credits
General Chemistry II	
College Option Literature (LIT +W) With Writing Intensive Unit**	3 credits
College Option Language (LANG)	4 credits

**Spring total credits**

**16 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 and/or Math 141 sequence.

\*\*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

GEOLOGY 208	4 credits
Sedimentology and Landscape PHYS 1454+1451 (SW) or 1214+1211	5 credits
General Physics I with Lab or Principle of Physics I with Lab	
One Writing Intensive Unit (W)	3 credits
Minor or General electives***	3 credits

**Fall total credits**

**15 credits**

##### SPRING

GEOLOGY 214	3 credits
Earth's Internal Processes PHYS 1464+1461 (SW) or 1224+1221	5 credits
General Physics II with Lab or Principle of Physics II with Lab	
Minor or General electives	6 credits

**Spring total credits**

**14 credits**

#### SUMMER SESSION I

GEOLOGY 361	GEOLOGY IN THE FIELD	3 Credits
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#### Senior

##### FALL

ENSCI 100 (LPS, SWT, SCI)	4 credits
Our Planet in the 21st Century	
GEOLOGY Elective****	3 credits
Minor or General electives	8 credits

**Fall total credits**

**15 credits**

##### SPRING

GEOLOGY elective****	3 credits
GEOLOGY elective****	3 credits
Minor or General electives	6 credits

**Spring total credits**

**15 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.

\*\*\*\*Three electives chosen from: 200- and 300-level Geology courses, ENSCI 200 and ENSCI 203.