

Geology Secondary Education 7-12 BA

FOUR-YEAR ACADEMIC PLAN

12 Required Core Credits

18 Flexible Core Credits

12 College Option Credits

48+27 (SEYS) Major Credits

3 Elective Credits

120 Total

This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2017 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 prerequisite/s and corequisite/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.

Geology Secondary Education 7-12 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***	4 credits

Spring total credits 15 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.
Completion of 21 credits in major with 2.75 GPA or higher
3.0 GPA in SEYS courses required to continue in program

Geology Secondary Education 7-12 BA

FOUR-YEAR ACADEMIC PLAN

Junior

FALL

GEOL 208 Sedimentology and Landscape	4 credits
PHYS 1214 + 1211 (SCI) or 1454+ 1451 General Physics I with Lab	5 credits
SEYS 201W (W) Historical, Social, and Philosophical Foundations of Education	3 credits
SEYS 221 Development and Learning in Middle Child and Adolescence	3 credits

Fall total credits 15 credits

SPRING

GEOL 214 Earth's Internal Processes	3 credits
Geology electives (200 level & 300 level) SEYS 340	3 credits
Language, Literacy, & Culture in Education SEYS 362	3 credits
Methods in Teaching Science in Middle & High School ECPSE 350	3 credits
Foundations of Special Education	

Spring total credits 15 credits

Senior

FALL

ENSCI 100 (LPS, SW, SCI) Our Planet in 21st Century	4 credits
SEYS 372.2 Student Teaching Initial Clinical Experience in Science for Secondary School	3 credits
SEYS 382 Curriculum and Assessment in Teaching Science	3 credits
SEYS 350 Cognition, Technology & Instruction For Diverse Learners	3 credits
General electives	2 credits

Fall total credits 15 credits

SPRING

Geology Electives (200 level & 300 level) SEYS 372.4	3 credits
Student Teaching Clinical Experience in Science for Secondary School Minor or general electives	9 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.