

Name: \_\_\_\_\_

CUNY ID: \_\_\_\_\_

Course Code	Course Name	Course Credits	Class Taken?	Semester Taken	Grade*	Pre-reqs/Co-reqs
<b>Introductory Courses</b>						
GEOL 101	Physical Geology	4	<input type="checkbox"/>			
ENSCI 100	Our Planet in the 21st Century	4	<input type="checkbox"/>			
<b>Supporting Sciences</b>						
MATH 151	Calculus I	4	<input type="checkbox"/>			
MATH 152	Calculus II	4	<input type="checkbox"/>			MATH 151
CHEM 113	General Chemistry I (1134 + 1131)	5	<input type="checkbox"/>			
CHEM 114	General Chemistry II (1144 + 1141)	5	<input type="checkbox"/>			CHEM 113
PHYS 121/145	Physics I (1214 + 1211 OR 1454 + 1451)	5	<input type="checkbox"/>			
PHYS 122/146	Physics II (1224 + 1221 OR 1464 + 1461)	5	<input type="checkbox"/>			PHYS 121/145
<b>Core Courses</b>						
GEOL 102	Historical Geology	4	<input type="checkbox"/>			GEOL 101
GEOL 200	Methods in Geoscience	3	<input type="checkbox"/>			GEOL 101
GEOL 201	Minerals, Ign. & Meta. Rocks	4	<input type="checkbox"/>			GEOL 101, 102, 200
GEOL 208	Sedimentology & Landscape Evol.	4	<input type="checkbox"/>			GEOL 101, 102
GEOL 214	Earth's Internal Processes	3	<input type="checkbox"/>			GEOL 101, 102
<b>Advanced Courses</b>						
GEOL 361 <sup>†</sup>	Geology in the Field <sup>†</sup>	3	<input type="checkbox"/>			GEOL 201, 208, 214 or permission
<b>Elective Courses</b> (Complete three electives [9 credits] chosen from the following courses or <u>any other 200- or 300- level GEOL course</u> )						
GEOL 313W	Stratigraphy & Paleoenvironments	3	<input type="checkbox"/>			GEOL 101, 102, 208
GEOL 328W	Volcanoes & Climate	3	<input type="checkbox"/>			GEOL 201 or 216 or permission
GEOL 347	Principles of Hydrology	3	<input type="checkbox"/>			GEOL 101, CHEM 1134 + 1131, PHYS 1214 + 1211
GEOL 363	GIS in the Geosciences	3	<input type="checkbox"/>			GEOL 101, 200
GEOL 370	Biogeochemistry	3	<input type="checkbox"/>			ENSCI 200 or GEOL 101, CHEM 1134 + 1131
ENSCI 200	Earth Systems Science	3	<input type="checkbox"/>			ENSCI 100, GEOL 101, CHEM 1134 + 1131, PHYS 1214 + 1211
ENSCI 303	Environmental Microbiology	3	<input type="checkbox"/>			ENSCI 100, ENSCI 200, GEOL 101, BIOL 105, or permission. CHEM 1134 + 1131 recommended.
<b>Your total credits towards major</b>						
<b>Total required credits for major</b>			<b>66</b>			

\*Must receive at least a C- for class to count towards your major

<sup>†</sup>GEOL 361 is currently only offered every other Spring semester, during the odd year (e.g., Spring 2025, Spring 2027)

**Notes:**

- **The Geology BS in SEES is the only degree program in CUNY (and the greater NYC area) that satisfies the New York State Professional Geologist licensure requirements.**
- For both the BA and BS: Depending on a student's career goals, a semester of Biology (with lab) may be substituted for Physics with permission of the Geology advisor.