

Geology Major w/ Concentration in Environmental & Engineering Geology

Degree Audit

Requires a minor in Environmental Engineering or Environmental Science*

2022-2023

Requirements	Hours	Hours Complete and Grade	Hours in Progress	Hours Needed
GEOL 111: Physical Geology	4			
GEOL 112: Historical Geology	4			
GEOL 203: Mineralogy & Optical Mineralogy	4			
GEOL 302: Structural Geology	3			
GEOL 304: GIS Mapping & Analysis	3			
GEOL 313: Sedimentology & Stratigraphy	3			
CHEM 131: General Chemistry I	3			
CHEM 132: General Chemistry II	3			
CHEM 133: General Chemistry I Laboratory	1			
CHEM 134: General Chemistry II Laboratory	1			
CSCI 210: Scientific Computing	3			
MATH 125: Calculus I	4			
WRIT 307: Technical Writing	3			

Environmental & Engineering Geology Core:

GEOL 335: Environmental Hydrogeology	3			
GEOL 336: Environmental Engineering Geology	3			
PETR 216: Petrophysics	3			
PHYS 221: General Physics I	4			
PHYS 222: General Physics II	4			

Junior Core:

GEOL 301: Igneous and Metamorphic Petrology	4			
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Capstone: Environmental & Engineering-related capstone

GEOL 411: Directed Research	2			
GEOL 412: Directed Research Writing	2			

NOTES: GEOL 201 was included in the audit and catalog for 2022-2023 in error. It is NOT a required course.

GEOL 203 was renumbered to GEOL 303 effective Fall 2023.

Student Signature and Date	Advisor Signature and Date

NOTES:

- EGRG 311 is recommended but not required.
- This major/minor combination is exempt from the 12-hour rule.

Each major must include at least 18 hours of 300-400 level credit that are not applied toward any additional majors.