

ENVIRONMENTAL GEOSCIENCE, BACHELOR OF SCIENCE (BS) - CONCENTRATION IN GEOLOGY

Recommended Four-Year Plan

Course	Title	Hours
First Year		
Fall		
EGEO 131	Oceanography	3
SUBJ 139	Foundations of Academic Discovery ¹	3
ENGL 102	Critical Writing	3
ESAP 101	FIRST Seminar *	1
	Creative & Aesthetic Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
	Humanities Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
Hours		16
Spring		
ENGL 104	Critical Reading	3
EGEO 201	Earth Materials and Processes/Lab	4
	Social Science Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
MATH 125	Precalculus	4
	Elective	3
Hours		17
Second Year		
Fall		
EGEO 202	Earth History/Lab	4
CHEM 107 & CHEM 111	General Chemistry I and General Chemistry I Lab	4
MATH 225	Calculus I	4
	Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
	Declare a Thematic Thread ²	
Hours		15
Spring		
	Select one of the following:	3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
CHEM 108 & CHEM 112	General Chemistry II and General Chemistry II Lab	4
MATH 230	Calculus II	4
EGEO 203	Quantitative Methods	3
EGEO 272	Introduction to Georeports/Lab	1
Hours		15
Third Year		
Fall		
EGEO 360	Introduction to Hydrology/Lab	3

EGEO 362	Stratigraphy/Lab	4
PHYS 211	General Physics I with Lab	4
	Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
	Major Elective	3
Hours		17
Spring		
EGEO 303	Paleontology/Lab	4
EGEO 341	Geomorphology/Lab	3
PHYS 213	General Physics III/ Lab	4
	Thematic Thread Requirement (Upper Level) (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
	Major elective	3
Hours		17
Fourth Year		
Fall		
GES 325	Introduction to Geographic Information Science	3
EGEO 351	Mineralogy/Lab	4
EGEO 327	Structural Geology	4
	Major Elective	3
	Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
Hours		17
Spring		
GES 410	Remote Sensing	3
EGEO 352	Petrology/Lab	4
	Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)	3
	Major elective	3
	Field Camp (summer)	0-4
Hours		13-17
Total Hours**		127-131

¹ Course offered in multiple subjects; cannot take course in first major subject

² Work with your Academic Adviser to declare a Thematic Thread by the end of your fall semester in your second year.

* Students are encouraged to take ESAP 101 as a Free Elective.

Major Code: 6124
Concentration: GEOL
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