

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

Recommended Four-Year Plan

Course	Title	Hours
First Year		
Fall		
GES 115	Introduction to Geospatial Technologies	3
EGEO 131	Oceanography	3
SUBJ 139	Foundations of Academic Discovery ¹	3
ENGL 102	Critical Writing	3
ESAP 101	FIRST Seminar *	1
Hours		13
Spring		
ENGL 104	Critical Reading	3
EGEO 201	Earth Materials and Processes/Lab	4
BIOL 104		4
CHEM 107 & CHEM 111	General Chemistry I and General Chemistry I Lab	4
Hours		15
Second Year		
Fall		
EGEO 202	Earth History/Lab	4
Social Science Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
EGEO 121	Meteorology/Lab	4
MATH 225	Calculus I	4
Creative & Aesthetic Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Declare a Thematic Thread ²		
Hours		18
Spring		
EGEO 203	Quantitative Methods	3
EGEO 272	Introduction to Georeports/Lab	1
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
Humanities Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Major elective		4
Hours		14
Third Year		
Fall		
EGEO 451	Geochemistry/Lab	4
EGEO 360	Introduction to Hydrology/Lab	3

CHEM 200	Fundamentals of Organic Chemistry	3
PHYS 216	University Physics 1 with Lab	4
Hours		14
Spring		
GES 324	Environmental Law and Policy	3
PHYS 217	University Physics 2 with Lab	4
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Major elective		3
Major elective		3
Hours		16
Fourth Year		
Fall		
BIOL 401	Ecology with Lab	3
BIOL 357	Environmental Microbiology with Lab	4
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Free elective/minor		3
Hours		16
Spring		
BIOL 325	Biostatistics and Experimental Design with Lab	3
Major elective		3-4
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Free elective/minor		3
Free elective/minor		2-3
Hours		14-16
Total Hours**		120-122

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.

** This document is meant to serve as a guide. Some planners may show more than 120 credits because faculty have created flexibility in choosing courses. However, only 120 credits are required to obtain a degree. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.

Major Code: 6124
Concentration Code: ENSC
Revised: 08.27.2021