



**Sample 4 Year Plan
Bachelor of Science
Earth and Environmental Sciences
Geology Concentration**

		Fall Semester		Spring Semester		
First Year		Course Information	Credit Hrs		Course Information	Credit Hrs
	AP	UNIV 1000 – University Success	1		CHEM 1120/1121 – General Chem II w/lab	4
	AP	MATH 1730 – Precalculus	4		GEOL 1050/1051 – Historical Geology w/lab	4
	AP	CHEM 1110/1111 – General Chem I w/lab	4	AP	GEOG 1015 – Physical Geography	3
	AP	GEOL 1040/1041 – Physical Geology w/lab	4		MATH 1910 – Calculus and Analytical Geometry or Free Elective	4
	TOTAL SCH	13		TOTAL SCH	15	

		Fall Semester		Spring Semester		
Second Year	AP	ENGL 1010 – English Composition I	3	AP	ENGL 1020 – English Composition II	3
		GEOL 3100/3101 – Stratigraphy & Sedimentation w/lab	4		GEOG 3060/3061 – Statistics in the Geosciences w/lab	4
		GEOG 3150/3151 – Geographic Information Systems I w/lab	4		GEOL 3500/3501 – Mineralogy w/lab	4
		BIOL 1110/1111 – General Biology I w/lab or PHYS 2010/2011 – College Physics I w/lab	4		PHYS 2010/2011 – College Physics I w/lab or PHYS 2020/2021 – College Physics II w/lab	4
		TOTAL SCH	15		TOTAL SCH	15

		Fall Semester		Spring Semester		
Third Year		GEOL 4910/4911 – Invertebrate Paleontology w/lab	4		GEOL 4920 – Advanced Paleontology or Concentration Guided Electives (Group A)	3
		GEOL 3600/3601 – Petrology w/lab	4		GEOL 4250/4251 – Hydrogeology w/lab	4
	AP	HIST 2010 – Early US History	3	AP	Humanities and Fine Arts Core	3
	AP	ENGL 2330 – Topics in World Literature	3	AP	COMM 2045 – Public Speaking	3
		TOTAL SCH	14		Free Elective	4
				TOTALSCH	17	

		Fall Semester		Spring Semester		
Fourth Year		GEOL 4080/4081/4082 – Structural Geology w/lab and Practicum	5		Concentration Guided Electives (Group A) or Free Elective	4
		GEOL 4050/4051 – Process Geomorphology w/lab	4		GEOL 4995 – Seminar in Geoscience Communication	2
		GEOL 450A – Lab Research Project or Free Elective	3		GEOG 3030/3031 – Environmental Geology w/lab or Concentration Guided Electives (Group A)	4
	AP	HIST 2020 – Modern US History	3	AP	Humanities and Fine Arts Core	3
				AP	Social and Behavioral Sciences Core	3
	TOTAL SCH	15		TOTAL SCH	16	

*AP designates General Education Core Course to be completed for your degree.

**Bachelor's degrees require the completion of 33 upper division (3000 – 4999) credit hours.

Group A: Concentration Guided Electives
 GEOL 3030/3031 – Environmental Geology w/lab
 GEOL 3680 – Principles of Geomorphology
 GEOL 4050/4051 – Process of Geomorphology w/lab

GEOL 4250 – Environmental Geology Field Methods
 GEOL 4450/4451 – Economic Geology w/lab
 GEOL 4920 – Advanced Paleontology

GEOL 4500 – Lab Research Project
 GEOL 4550 – Advanced Topics in Geology
 GEOL 4990 – Geology Field Camp

MATH 1910 – Calculus