Concentration code 2350						
I.		N CURRICULUM1102/1120 fulfill Science Inquiry perspective and				
II.	MAJOR REQUIREMENTS (not including 12 hours counted in Area I, or 3 hours in Area II. C below)					
A.	. Required Geology courses (19 semester hours) Choose one introductory geology course:					
			011/4404	(4)		
		Introduction to Physical Geology		(4)		
		Introduction to Historical Geology Introduction to Environmental & Applied G		(4)	Oceanography	
	GLY 2250 (4) Evolution of the Earth (Pre: GLY 1101,1102,1103,1104, or 1105)					
	GLY 2745 (4)					
	GLY 3150 (3)					
	GLY 3800 (3) Introduction to Stratigraphy & Sedimentology (Pre: GLY 2250)					
GLY 4210 (1) Geology Seminar [CAP] (Pre: Sr. standing)						
В.	Environmental Geology courses (21 semester hours) GLY 3131 (3) Geochemistry (Pre: GLY 2250, CHE 1101/1110, MAT 1110)					
	GLY 3160 (3)	or 1150: MAT 1110))				
	GLY 3160 (3) Introduction to Geophysics (<i>Pre/Co: GLY 1101,1102,1103,1104, 1105, or 1510; PHY 1103 or 1150; MAT 1110</i>)) GLY 3703 (3) Issues in Environmental Geology (<i>Pre: Science Inquiry met</i>) GLY 4630 (3) Hydrogeology (<i>Pre: 6 s.h. GLY</i> ≥ 2000; <i>Jr. standing</i>)					
	GLY 4705 (3) Advanced Environmental and Engineering Geology [CAP] (Pre: 6 s.h. GLY ≥ 2000; Jr. standing)					
Plus choose 6 sh from the following:						
GLY 3025 (3) Principles of Paleontology (Pre: GLY 2250 or 6 sh BIO or ANT ≥ 2000) GLY 3220 (3) Fundamentals of Mineralogy (Pre: GLY 2250)						
	GLY 3333 (3)					
GLY 3680 (3) Geoarchaeology (Pre: 4 sh GLY) GLY 3715 (3) Petrology and Petrography (Pre: CHE 1101/1110; GLY 2250, 2745, 3220)						
	GLY 4501 (1) Senior Research (Pre: Sr standing; min GPA 3.25 in GLY)					
	GLY 4510 (3) Senior Honors Thesis (Pre: GLY 4501; Sr. standing; min GPA 3.25 in GLY)					
GLY 4835 (6) Summer Field Geology (Pre: GLY 3150, 3715, 3800)						
C.		ath/Chemistry/Physics courses (22 semester hours)				
	CHE 1101/1110(4) Introductory Chemistry I & Lab CHE 1102/1120(4) Introductory Chemistry II & Lab (Pre: CHE 1101/1110) C S 1425(3) Overview of Computer Science (Co: MAT 1020/1025) MAT 1110(4) Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade C-) PHY 1103(4) General Physics I (Co: MAT 1020/1025)					
	STT 2810(3)					
D.		nental Electives (Choose 12 semester hours				
	ECO 2030 (3)		MGT 3010 (3)			
	FIN 3010 (3)		P S 2130(3)			
	LAW 2150 (3)	Legal Environment of Business	Elec (3)	Advisor app	roved, computer intensive course	
E.		Courses in Cartography & Geographic Information Systems (GIS) (Choose 12 semester hours from the following) GHY 2310 (3) Cartographic Design & Analysis GHY 3812 (3) Intro to GIS (Pre: GHY 2310, 2812)				
		Geospatial Data & Technology				
		Environmental Remote Sensing			GeoComputation (Pre: GHY 3812)	
	- , ,	During the senior year, the B.S. Geology with an Environmental Geology concentration student must take and achieve a satisfactory score on a				
	comprehensive examination covering theoretical and practical aspects of areas of geology. Students who are unsuccessful on any portion or					
of the examination may retake the appropriate portion(s) up to two additional times before graduation.						
111.	MINOR (optional)					
IV.	ELECTIVES (taken to	total 122 hours for the degree)			<u>4</u>	

2 semester hours of free electives must be outside the major discipline.

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