De	chelor of Science (BS gree Code 259* ncentration Code 259	-	2015-2016		-	Study for Geology Majors EOLOGY CONCENTRATION	
١.	GENERAL EDUCATION						
•	CHE 1101/1110 & CHE 1102	2/1120 fulfill Science Inquiry	perspective and MAT 1110 fulfills Q se see your advisor for information.				
11.	2.0 major GPA is required	AJOR REQUIREMENTS (not including 12 hours counted in Area I)					
Α.	GLY 1102 (4)	I geology course: Introduction to Physic Introduction to Histor Environmental Change Evolution of the Eart	al Geology			Water: Mountains to Sea Oceanography	
	GLY 3150 (3) GLY 3800 (3) GLY 4210 (1)	Principles of Structural Geology and Tectonics (Pre: GLY 2250, 2745) Sedimentology and Stratigraphy (Pre: GLY 2250) Geology Seminar [CAP] (Pre: Sr. standing)					
	GLY 3160 (3) GLY 3703 (3) GLY 4630 (3) GLY 4705 (3)	Geochemistry (Pre: GL) Introduction to Geoph Issues in Environment Hydrogeology (Pre: 6 s. Advanced Environme	: 2250, CHE 1101/1110, MAT 1110) nysics (Pre/Co: GLY 1101,1102,110 :al Geology (Pre: 6 sh GLY)				
Plu	is choose 6 sh from th	-					
	GLY 3715 (3) GLY 4501 (1-3) GLY 4510 (3)	Fundamentals of Min Geomorphology (Pre: 6 Geoarchaeology (Pre: 7 Petrology and Petrog Senior Research (Pre: 5 Senior Honors Thesis	5 sh GLY))	50, 2745, 3220)			
C.	CHE 1101/1110 CHE 1102/1120 GLY/ENV 3455 Or CS 1440 Or CS 1445 MAT 1110(4)	Y/ENV 3455 (3) Quantitative Data Analysis for Earth & Environmental Scientists (Pre: GLY 2250; MAT 1110; PHY 1150) Or CS 1440 (4) Computer Science I (Pre: MAT 1020/1025 w/minimum grade "C-") Or CS 1445 (4) Intro to Programming w/Interdisciplinary Applications (Pre: MAT 1020 or 1025 with C- or higher) AT 1110(4) Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade C-) Y 1103(4) General Physics I (Co: MAT 1020/1025)					
D.	ECO 2620 (3)	Environmental & Re Survey of Finance (P		LAW 2150 MGT 3010	(3) Sur	Il Environment of Business vey of Management (<i>Pre: Jr stdg)</i> e and Local Government	
E.			nation Systems (GIS) (Choos				
	Y/PLN 2812 (3) GHY 3310 (3) GHY 4814 (3)	Geospatial Data & Te Environmental Remo	echnology	GHY 3812 GHY 4812	_(3) Intro	o to GIS (Pre: GHY 2310, 2812) anced GIS (Pre: GHY 3812; Sr stdg)	
	examination covering theor the appropriate portion(s) of MINOR (optional)	etical and practical aspects up to two additional times be		re unsuccessful on an	y portion or o		

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