		02/1120 fulfill Science Inquiry perspective and MAT 1110 juble-counted in the major. Please see your advisor for infor		n general e	ducation. Some general education	
II.	MAJOR REQUIREMENTS (not including 12 hours counted in Area I)					
	2.0 major GPA is required	d for graduation. Major GPA calculation will include <u>all</u> c r hours of courses taken to fulfill major requirements mu	ourses taken in the major d	epartment,		
A.	Required Geology courses (19 semester hours)					
	Choose one 1000-lev					
		Introduction to Physical Geology	GLY 1104	(4)	Water: Mountains to Sea	
		Introduction to Historical Geology			Oceanography	
		Environmental Change, Hazards, & Resource		(· /		
	GLY 2250 (4)	Evolution of the Earth (Pre: GLY 1101,1102,1103	,1104, or 1105)			
	GLY 2745 (4)	Preparation of Geologic Reports [WID] (Pre: RC 2001, GLY 2250)				
	GLY 3150 (3)	Principles of Structural Geology and Tectonics (Pre: GLY 2250, 2745)				
	GLY 3800 (3)					
	GLY 4210 (1) Geology Seminar [CAP] (Pre: Sr. standing)					
		ogy courses (24 semester hours)				
	GLY 3131 (3) Environmental Geochemistry (Pre: GLY 2250, CHE 1101/1110, MAT 1110)					
	GLY 3160 (3)					
	GLY 3333 (3)					
	GLY 3703 (3)					
	GLY 4630 (3)	(3) Hydrogeology (Pre: GLY 2250; MAT 1110; PHY 1103 or 1150)				
	GLY 4705 (3) Engineering Geology (Pre: 6 s.h. GLY ≥ 2000; Sr. standing) lus choose 6 sh from the following:					
Р		_				
	GLY 3025 (3)	Principles of Paleontology (Pre: GLY 2250 or 6 sh				
E N IN	GLY 3220 (3)				20044450	
EINV	(3) (3) (3)	Quantitative Data Analysis for Earth & Env S Geoarchaeology (Pre: 4 sh GLY)	CIETUISIS (Pre: GLY 2250; I	VIAT 1110; F	PHY 1150)	
	GLY 3680 (3)		D. CLV 2250 2745 2220)			
	GLY 3715 (3) Petrology and Petrography (<i>Pre: CHE 1101/1110; GLY 2250, 2745, 3220</i>) GLY 4501 (1-3) Senior Research (<i>Pre: Sr standing; min GPA 3.25 in GLY</i>)					
	LY 4510 (3) Senior Honors Thesis (Pre: GLY 4501; Sr. standing; min GPA 3.25 in GLY)					
	GLY 4835 (6)					
c.	Math/Chemistry/Ph	ysics courses (19 semester hours)				
CHE	1101/1110 (4)	Introductory Chemistry I & Lab (Pre: MAT 102)	0 or higher)			
CHE	1102/1120 (4)	Introductory Chemistry II & Lab (Pre: CHE 1101/1110; MAT 1020 or higher)				
	MAT 1110(4)	Calculus with Analytic Geometry I (Pre: MAT	1025 w/min grade C-)			
	PHY 1103(4)					
	STT 2810(3)	Introduction to Statistics (Pre: MAT 1010 or hig	her)			
D.		nental Electives (Choose 12 semester hours fi				
	ECO 2620(3)				'l Mgmt & Impact Analysis	
	FIN 3010 (3)	Survey of Finance (Pre: 84 earned hours)			ironmental Policy & Planning	
EN	V/GLY 3110 (3)				te and Local Government	
	Elec(3)) Advisor approved, computer intensive cou	ırse PS 4670 <u> </u>	(3) Env	vironmental Politics	
E.	Courses in Cartograp	phy & Geographic Information Systems (GIS)	(Choose 12 semester h	ours fror	n the following)	
GH۱	//PLN 2812 (3)	Geospatial Data & Technology	GHY 3812	_ (3) Inti	ro to GIS (Pre: GHY 2310, 2812)	
	GHY 3310(3)				vanced GIS (Pre: GHY 3812; Sr stdg)	
	GHY 4814(3)	Principles of GeoComputation (Pre: GHY 3812	; Sr standing)			
	examination covering the	e B.S. Geology with an Environmental Geology concentrat oretical and practical aspects of areas of geology. Student) up to two additional times before graduation.				
III. I	MINOR (optional)					
	MINOR (optional)	total 122 hours for the degree)				