Bachelor of Science (BS) Non-Teaching Degree Code 259D

Program of Study for Geology Majors

De	egree Code 255D			PALEONIOLOGI	
I.					
	MAIOR REQUIREMENTS	MAJOR REQUIREMENTS (not including 12 hours counted in Area I, above)			
	2.0 major GPA required for graduation. Major GPA calculation includes <u>all</u> courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.				
A.	Geology (37 semester hours):				
	Choose one introductory geology course:				
	GLY 1101 (4) Introd				
		Introduction to Historical Geology			
		Introduction to Environmental & Applied Geology			
	, , ,				
	GLY 1105 (4) Ocea	GLY 1105 (4) Oceanography			
	: :				
	: :				
					
	GLY 4210 (1) Geology Seminar [CAP] (Pre: Sr. standing)				
	GLY 4835 (6) Summer Field Geology or other approved field course (Pre: GLY 3150, 3715, 3800)				
	And choose 3 semester hours geology electives at or above 3000 level				
	GLY 3333 (3) Geomo			03 (3) Issues in Env'l Gly (Pre: Science Literacy met)	
				10 (3) Sr Hon Thesis (Pre: GLY 4501; Sr. stndg; 3.25 GPA in GLY)	
	GLY 4630 (3) Hydroge		GLY 470	05 (3) Advanced Env & Eng Gly (Pre: 6 s.h. GLY ≥ 2000; Jr stnd	
	GLY 3530-49 (3) Special Topics				
В.		Biological Component (18 semester hours Biology)			
	BIO 1801 (4) Biologic	cal Concepts I (Co: CHE 1101) And eithe OR		00 (4) Introduction to Botany (Pre: BIO 1801) 01 (4) Introduction to Zoology (Pre: BIO 1801)	
	And 10 semester hours of BIO at or above the 2000 level (excluding 2800, 3520, 4550, 4563):				
c.	. Mathematics/Chemistry/P	Mathematics/Chemistry/Physics (26 semester hours)			
	•	MAT 1110(4) Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade C-)			
	MAT 1120 (4) Calculus with Analytic Geometry II (Pre: MAT 1110 w/min grade C-)				
	CHE 1101/1110 (4) Introductory Chemistry I & Lab				
		CHE 1102/1120 (4) Introductory Chemistry II & Lab (Pre: CHE 1101/1110)			
		PHY 1150 (5) Analytical Physics I (Co: MAT 1110)			
	PHY 1151 (5) Analytical Physics II (Co: MAT 1120)				
D.	Computer science/programming, GIS, or statistics courses (Choose 6 semester hours)				
		view of Computer Science (Co: MAT 102	20/1025)	GHY 2310 (3) Cartographic Design & Analysis	
	GHY 3310 (3) Enviro			GHY 3812 (3) Introduction to GIS (<i>Pre: GHY 2310, 2812</i>)	
	STT 2810 (3) Introd	duction to Statistics (Pre: MAT 1010)		STT 3820 (3) Statistical Methods I (<i>Pre: STT 2810/2820</i>)	
the		areas of geology. Students who are unsu		tory score on a COMPREHENSIVE EXAMINATION covering portions or all of the examination may retake appropriate	
	I. MINOR (optional)	- From to Bradantion			
111.	i. iviliyon (optioliai)				

IV. ELECTIVES (taken to total 125 hours for the degree)6

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

125