

**LIBERAL ARTS AND SCIENCES: BACHELOR OF SCIENCE
GEOLOGY**

VI. MAJOR PROGRAM: 44 s.h.		
A. REQUIRED COURSES: 38 S.H.	Gr.	S.H.
GEL 100 Physical Geology		4
GEL 102 Historical Geology		4
GEL 200 Field Geology		3
GEL 220 Mineralogy		4
GEL 230 Paleontology		3
GEL 304 Structural Geology		4
GEL 316 Petrology & Geochemistry		4
GEL 346 Sedimentology & Stratigraphy		4
GEL 358 Geophysics		3
GEL 362 Hydrogeology		3
GEL 380 Senior Seminar		2
B. ELECTIVE: 6 S.H.		
GEL 210 Environmental Geology		3
GEL 302 Economic Geology		3
GEL 324 Geomorphology		3
GEL 366 Marine Geology		3
GEL 368 Research in Geology I		1-3
GEL 369 Research in Geology II		1-3
GEL 371-373 Selected Topics		1-6
GEL 390 Internship in Geology		1-4
GEL 398 Honors Suppl. Research		1-3
TOTAL SEMESTER HOURS		
VII. CONCOMITANT COURSES: 26-29 S.H.		
A. CHEMISTRY: 8 S.H.	Gr.	S.H.
CHM 100 General Chemistry I		4
CHM 102 General Chemistry II		4
B. PHYSICS: 8 S.H.		
PHY 040 OR PHY 100		4
PHY 042 OR PHY 102		4
C. MATHEMATICS: 6-9 S.H.		
>>>>Option 1		
MAT 105 College Algebra		3
MAT 106 Trigonometry		3
MAT 171 Calculus I		3
>>>>Option 2		
MAT 115 Precalculus		3
MAT 171 Calculus I		3
>>>>Option 3		
MAT 171 Calculus I		3
MAT 172 Calculus II		3
D. BIOLOGY: 4 S.H.		
BIO 104 Principles of Biology		4

VIII. GRADUATION CLEARANCE	
A. Cumulative Q.P.A.	_____
B. Total Semester Hours	
a. General Education	_____
b. Major Program	_____
c. Concomitant	_____
GRAND TOTAL	_____
C. Comprehensive Exam Passed	
yes	no
Advisor's Signature _____	
Date _____	

NOTES	
*GEG 274 is strongly recommended to fulfill this category.	
**PSY 011 & SOC 010 are prerequisites to most other courses in their respective disciplines.	
***GEG -- Non-laboratory courses only allowed in this category.	
A minimum of 120 s.h. are required for graduation.	

Program Code: #23501
Effective Date of Program: Fall 2011
Reviewed: 2/2011