

Advisor: \_\_\_\_\_

Name: \_\_\_\_\_

Date admitted into Major: \_\_\_\_\_

Transfer credits: \_\_\_\_\_

**BACHELOR OF SCIENCE  
GEOLOGICAL SCIENCES  
EARTH SCIENCE CONCENTRATION**

**GENERAL EDUCATION CORE REQUIREMENTS**

**COURSES IN MAJOR (48-49 credits total)**

Competencies			
<input type="checkbox"/>	Basic College Math		
<input type="checkbox"/>	Reading Comprehension		
<input type="checkbox"/>	Computer Literacy		
ENG	101	Composition I	3 _____
ENG	102	Composition II	3 _____
SPC	101	(Public Speaking)	3 _____
SFL	_____	(Health)	3 _____
SFL	_____	(Activity)	.5 _____
SFL	_____	(Activity)	.5 _____
Distribution Sequences (18-20 credits)			
*	GLS	100	Physical Geology with Lab 4 _____
*	GGR	100P	Weather and Climate 4 _____
	HIS	101	History of World Civilization I 3 _____
	HIS	102	History of World Civilization II 3 _____
	_____	_____	(Literature I) 3 _____
	_____	_____	(Literature II) 3 _____
Distribution Electives (15 credits)			
Among the distribution electives, the student must earn at least 3 but no more than 9 additional semester hours in each of the three divisions.			
Humanities (Division I)			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Science/Mathematics (Division II)			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Social Sciences (Division III)			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
(Note: Courses allowable as distribution electives are marked DI, DII, or DIII in the College Catalog.)			
QUANTITATIVE (Q)	_____	DIVERSITY (V)	_____
WRITING (W)	_____		

**Major Core Courses (27 credits)**

GLS	201	Historical Geology	4 _____
GLS	210	Geomorphology	4 _____
GLS	221	Mineralogy	4 _____
GLS	322	Petrology	4 _____
GLS	334	Sedimentation & Stratigraphy	4 _____
GLS	341	Structural Geology & Stratigraphy	4 _____
GLS	353	Geochemistry	3 _____

**Major Concentration Courses (12-13 credits)**

GLS	120	Our Geologic Environment	3 _____
GGR	350P	Meteorology	3 _____
GLS	212	Submarine Geology (3 cr.)	
		OR	
GGR	252P	Oceanography (3 cr.)	
		OR	
BIO	322	Biological Oceanography (4 cr.)	3-4 _____
GLS	115	Geology of the Solar System (3 cr.)	
		OR	
PHS	207	Astronomy (3 cr.)	3 _____

**Major Capstone Courses (9 credits)**

†	GLS	470	Field Geology	_____
†	GLS	485	Earth Science Study-Field	_____
†	GLS	500	Senior Research	_____

**SUPPORT COURSES (15-20 credits total)**

Choose two courses from the following list:

MAT	110	Precalculus	3 _____
MAT	220	Calculus I	4 _____
MAT	221	Calculus II	4 _____
MAT	247	Statistics I	3 _____

# And choose three courses from BIO, CHE, PHS, MAT, or †GGR:

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**FREE ELECTIVES (3 credits minimum)**

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

\* These are **required** support courses which may also be used to satisfy the indicated Distribution requirements. A student may choose to fulfill Distribution requirements with courses other than the ones listed, but these listed courses must still be taken.  
 Note: If a course is used to satisfy two or more requirements, (for example, a support course and a distribution elective), the credits are counted in only one place. Using a course to satisfy more than one requirement does **not** reduce the total credits required for graduation.  
 † 6 credits must be earned in any combination of GLS 470 or GLS 485.  
 ‡ Acceptable GGR courses include: 320, 343, or 421  
 # No more than one course of each type without permission of Department Chairperson.

LEVEL I TO BE COMPLETED IN THE FIRST 30 CREDITS     LEVEL II TO BE COMPLETED IN THE FIRST 53 CREDITS     LEVEL III TO BE COMPLETED BEFORE GRADUATION

Exceptions in the timing of courses will be made for transfer students.