

Advisor: _____

Name: _____

Date admitted into Major: _____

Transfer credits: _____

**BACHELOR OF SCIENCE
GEOLOGICAL SCIENCES
MARINE GEOLOGY CONCENTRATION**

GENERAL EDUCATION CORE REQUIREMENTS

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)			
+/*	_____	(Lab Science I)	3-4 _____
+/*	_____	(Lab Science II)	3-4 _____
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)	_____

COURSES IN MAJOR (50-51 credits total)

Major Core Courses (31 credits)

GLS	100	Physical Geology w/Lab	4	_____
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 & Tectonics	4	_____
GLS	353	Geochemistry	3	_____

Major Concentration Courses (10-11 credits)

GLS	212	Submarine Geology	3	_____
GLS	214	Coastal Geology	4	_____

Choose one course from the following list:

GLS	330	Paleontology	3-4	_____
		OR		
BIO	322	Biological Oceanography		_____
		OR		
GGR	225P	Oceanography		_____

Major Capstone Courses (9 credits)

†	GLS	470	Field Geology	_____
†	GLS	485	Earth Science Study-Field Sem	_____
	GLS	500	Senior Research in Geology	3 _____

SUPPORT COURSES (12-16 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	3	_____

#And choose two courses from: BIO, CHE, PHS, MAT, or ‡ GGR

_____	_____	_____	_____
_____	_____	_____	_____

FREE ELECTIVES (5 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.
 + Science sequence must be chosen from the following list: BIO 121/122, BIO 131/131, CHE 120/121, CHE 130/131. CHE 130/212, PHS 101A/102A, PHS 211A/212A, PHS 221/222.
 † 6 credits must be earned in any combination of GLS 470/485.
 ‡ Choose from: GGR 320, 343, or 421.
 # Acceptable science electives can be substituted with 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.