

Name: \_\_\_\_\_  
 Student ID: \_\_\_\_\_  
 Date Admitted Into Major: \_\_\_\_\_

## BACHELOR OF SCIENCE GEOLOGICAL SCIENCES EARTH SCIENCE CONCENTRATION

GENERAL EDUCATION REQUIREMENTS				
<b>Competencies</b>				
<input type="checkbox"/> ♦ Basic College Math				
<input type="checkbox"/> ♦ Reading Comprehension				
<b>♣ General Education Categories (34-35 credits total)</b>				
♦FYS	First Year Seminar		3	
♦W-I	Written Communication - Level I		3	
♦OC	Oral Communication		3	
PGR	Personal Growth & Responsibility		3	
CEA	Creative Expression & Appreciation		3	
WC	World Cultures		3	
HP	The Human Past		3	
CS	Contemporary Society		3	
SR	Scientific Reasoning:	# Any SR course	3-4	
		# SR Lab course	4	
QR	Quantitative Reasoning		3	
<b>‡ Written Communication (Level II and Level III) and Diversity, Power Dynamics and Social Justice</b>				
W-II	Written Communication - Level II			<input type="checkbox"/>
W-III	Written Communication - Level III			<input type="checkbox"/>
DPDS	Diversity, Power Dynamics and Social Justice			<input type="checkbox"/>

Free Electives (5 credits minimum)				
May be necessary to take additional credits to attain the minimum 120 credits required for graduation depending on choices made for general education or minor selection.				

Required Minor: _____ (15-18 credits)				

COURSES IN MAJOR (43-47 credits total)				
<b>Major Core Courses (24 credits)</b>				
Choose one course from the following:				
GLS	100	Dynamic Earth	4	
GLS	101	Exploring Earth	4	
GLS	102	Evolving Earth	4	
GLS	170H	Honors Dynamic Earth	4	
GLS	171H	Honors Evolving Earth	4	
Choose one course from the following:				
GLS	109	Water Sustainability	4	
GLS	103	Blue Planet	4	
And all of the following:				
GLS	210	Geomorphology	4	
GLS	216	Rocks and Minerals	4	
GLS	334	Sedimentary Environment in the Stratigraphic Record	4	
GLS	341	Structural Geology	4	
<b>‡ Major Concentration Courses (13-17 credits)</b>				
And all of the following				
GPH	100P	Weather and Climate	4	
and				
GLS	212	Geological Oceanography	3	
or				
GPH	285P	Oceanography	3	
or				
BIO	322	Biological Oceanography	4	
and				
GLS	115	Geology of the Solar System	3	
or				
PHS	207	Astronomy	3	
†		At least 3-6 additional credits in any combination of courses indicated below		
<b>Major Capstone Courses (6 credits)</b>				
GLS	500	Senior Research in Geology I	3	
And choose one of the following				
†GLS	470	Field Geology I	3	
†GLS	485	Field Geology II	3	
<b>▼ Required Support Courses (15 credits)</b>				
MAT	150	Precalculus	3	
CHE	130	General Chemistry I	4	
PHS	211A	College Physics I	4	
BIO	121	Diversity of Life	4	

▼ Students may choose to use support courses to satisfy general education categories, but may not be required to do so. **Note:** If a course is used to satisfy two or more requirements (for example, a support course and Scientific Reasoning requirement), the credits are counted in only one place. Using a course to satisfy more than one requirement does **not** reduce the credit total required for graduation.

- ♣ Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines. First Year Seminar and Level I Written Communications courses are exempt from this restriction. Courses may not be used to fulfill both major discipline and general education requirements.
- # These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline.
- ‡ Level II, Level III Written Communications and Diversity, Power Dynamics and Social Justice Courses may be used to satisfy requirements anywhere else in a student's program of study where they may apply. The credits are counted only in one area.
- † Major Concentration Courses can be chosen from: GLS 120, GLS 214, GLS 225, GLS 235, GLS 253, GLS 295, GLS 322, GLS 330, GLS 342, GLS 346, GLS 351, GLS 356, GLS 357, GLS 362, GLS 380, GLS 501, GPH 340, GPH 344

♦ COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS      ♦ GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

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

**Total credits for graduation: 120**

**Effective: 9/2022**