THE UNIVERSITY OF RHODE ISLAND

Geology & Geological Oceanography, B.S. Option: Geological Oceanography 120 Earned Credits Total EL_GOCG_BS

ABOUT THE Geological Oceanography OPTION:

A student's GPA for the major is computed based upon all GEO and OCG courses taken by the student. The minimum major GPA to graduate is 2.0. Students may also combine supporting and free electives to pursue a minor field of study.

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS

Intro to URI & Professional Courses: (11 Credits)			
Course	Semester	Credits	Grade
URI 101		1	
*GEO 103		4	
*EEC 105		3	
*NRS 100		3	

II. Core Geo Courses (24 Credits)			
Course	Semester	Credit	Grade
*GEO 204	Fall	4	
GEO 210	Spring	4	
GEO 305	Spring	4	
*GEO 320	Spring	4	
GEO 370	Fall	4	
GEO 450	Spring	4	

III. Geological Oceanography Option (13 Credits)				
Course	Semester	Credit	Grade	
OCG 301 OR OCG 451		3		
OCG 440 OR OCG 540		4		
GEO/OCG 4XX		3		
** OCG 493 OR 494		3		

**See Your Advisor to Discuss OCG 493/494

IV. Supporting Electives (20 Credits) 200-level or above chosen from GEO, EEC, NRS, or OCG. **NOTE:** 3 credits of supporting electives may be satisfied by a 100-level course in GEO or OCG.

Course	Semester	Credits	Grade

Note: Courses marked with a * can be used to satisfy major and general education requirements.

Transfer out of UCAS: Must have completed at least 30 credits with a minimum GPA of 2.0, and achieved a minimum of: B- in GEO 103; C in CHM 101; and C+ in MTH 103/111 or a C in MTH 131 or 141.

V. Supporting Sciences (21 Credits)

Students considering graduate schol are encouraged to take 2 semesters of each supporting science.

Student:

Advisor:

Student ID:

Effective Fall 2018

Biology Requrements				
Course	Semester	Credits	Grade	
*BIO 101		3		
*BIO 103		1		

Chemistry Requirements				
Course	Semester	Credit	Grade	
*CHM 101		3		
CHM 102		1		

Math Requirements				
Course	Semester	Credit	Grade	
*MTH 131 OR 141		3-4		
STA 308 OR 409		3-4		

Physics Requirements				
Course	Semester	Credit	Grade	
*PHY111 OR 203		3		
*PHY185 OR 273		1		

Science (2nd Semester) Requirement 3- 4 credits Choose from: *BIO 102/104, CHM 112/114, CHM 124/126, *MTH 132, *MTH 142,*PHY112/186,*PHY 204/274.

Course	Semester	Credits	Grade

VI. Free Electives: (additional courses to reach 120)						
Course	Semester	Credits	Grade			

Approved for Graduation

Advisor:

Minimum 2.0 GPA required in major for graduation. Minimum 2.0 cumulative GPA required for graduation.

Date:

THE UNIVERSITY OF RHODE ISLAND

Geology & Geological Oceanography, B.S. Option: Geological Oceanography 120 Earned Credits Total EL_GOCG_BS

Student: _		
Student ID: _		
Advisor:		
Effective Fall 20	18	

General Education Guidelines:

General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code. General education courses may also be used to meet requirements of the major or minor when appropriate.

Step 2: LIST COURSES THAT MEET GEN ED

Course	Credit	Grade	Course	Credit	Grad
*BIO 101	3				
*BIO 103	1				
*CHM 101	3				
*EEC 105	3				
*GEO 103	4				
*GEO 204	4				
*GEO 320	4				
*MTH 131	3				
*NRS 100	3				
*PHY 111	3				
			Total Gen Ed	4	0
			credits		

Step 3: LIST COURSE AS EACH OUTCOME IS MET

General Education Outcome Audit					
	Course	Grade			
KNOWLEDGE					
A1. STEM	*BIO 101				
A2. Social & Behavioral Sciences	*EEC 105				
A3. Humanities					
A4. Arts & Design					
COMPETENCIES					
B1. Write effectively	*GEO 204				
B2. Communicate effectively					
B3. Mathematical, statistical, or					
computational strategics	*MTH 131				
B4. Information literacy	*GEO 103				
RESPONSIBILITIES					
C1. Civic knowledge & responsibilities					
C2. Global responsibilities					
C3. Diversity & Inclusion					
INTEGRATE & APPLY					
D1. Ability to synthesize	*GEO 320				
GRAND CHALLENGE					
G. At least one course of your 40 credits is an approved "G" course					

Note: Courses marked with a * can be used to satisfy major and general education requirements.

Transfer out of UCAS: Must have completed at least 30 credits with a minimum GPA of 2.0, and achieved a minimum of: B- in GEO 103; C in CHM 101; and C+ in MTH 103/111 or a C in MTH 131 or 141.

Advising Notes:

EDUCATION

Geology & Geological Oceanography, B.S. - Geological Oceanography Option

Sample 4 Year Plan - Effective Fall 2018

College of the Environment and Life Sciences

Freshman Year Fall Semester

Course Code	Description	Cr	
URI 101	Planning for Academic Success	1	
*GEO 103	Understanding Earth	4	
*NRS 100	Natural Resource Conservation	3	
*EEC 105	Introduction to Resource Economics	3	
*MTH 103	Applied Pre-Calculus (or MTH 111 Pre-Calculus)	3	
	Gen. Ed or Free elective (optional)	3	
		14-17	

Course Code	Description	Cr	
GEO 210	Landforms, Origin & Evolution	4	
*CHM 101,102	General Chemistry 1, Lab	4	
*MTH 131	Applied Calculus (or MTH 141 Calculus I)	3-4	
	Supporting Elective or 2nd Semester Science	3-4	
	*General Education Course	3-4	
		17-20	

Freshman Year Spring Semester

Year 1 Milestones: Earn 30 credits and a gpa of 2.0 or higher. Meet with your Advisor for GEO option discussion

Sophomore Year Fall Semester Sophomore Year Spring Semester Course Code Description Cr **Course Code** Description Cr GEO 204 Problem Solving in Earth History 4 GEO 320 Earth Materials 4 *PHY 111,185 4 ^{*}BIO 101, 103 4 General Physics 1, Lab Biology 1, Lab Supporting Elective or 2nd 4 Supporting Elective 4 Semester Science 3-4 *General Education Course 3-4 *General Education 15-16 15-16

Year 2 Milestones: Earn 60 credits and a gpa of 2.0 or higher. Meet with your Advisor to dicuss major, internships and research opprtunities.

Junior Year Fall Semester

Junior Year Spring Semester

Course Code	Description	Cr	Course Code	Description	
GEO 370	Earth Structure	4	GEO 450	Sedimentary Geology	
STA 308	Statistics (or STA 409)	3-4	GEO 305	Global Climate Change	
	Supporting Elective	4	OCG 440	Geological Oceanography	4
	*General Education Course	3-4		Supporting Elective	3
	•	14-16			15

Year 3 Milestones: Earn 90 credits and a gpa of 2.0 or higher. Identify your GEO 493/494 independent research Professor, turn in your intent to graduate application

	Senior Year Fall Semester		
Course Code	Description	Cr	
OCG XXX	Oceanography option elective	4	
	Supporting Elective	3-4	
	Supporting Elective	3-4	
	*General Education Course	3-4	
	*General Education Course	3-4	
		16-20	

Senior Year Spring Semester				
Course Code	Description	Cr		
OCG 451	Oceanographic Science	4		
OCG 494	Indep. Research in Ocean.	3		
	*General Education Course	3-4		
	Supporting Elective (if needed)	3-4		
	Free elective (if needed)	3-4		
		16-19		

Year 4 Milestones: Earn 120 credits and a gpa of 2.0 or higher in CUM and CON. Complete all remaining required courses.

Total Credits to Graduate = 120

Number of required gen ed courses will vary based on outcomes satisfied by each course. Students may take additional supporting electives or free electives to reach 120 credits. Effective Fall 2018

* General Education Course

+ Take MTH 103 with MTH 131

+ Take MTH 111 with MTH 141