# 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 2023

## 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	Alt. Fall (odd)	4	
GEO 210	Spring	4	
*GEO 305G	Alt. Spr (odd)	4	
*GEO 320	Alt. Spr (odd)	4	
GEO 370	Alt. Fall (odd)	4	
GEO 450	Spring	4	

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

\*\*See Your Advisor to Discuss OCG 493/494

IV. Supporting Elec	ctives (20 Cr	edits) 200-le	evel or		
above chosen from	n GEO, EEC, I	NRS, or OCG	. NOTE: 3		
credits of supportin	ng electives	may be satis	fied by a		
100-level course in	GEO or OCO	<b>.</b>			
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.

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 <b>OR</b> 141		3-4	
STA 308 <b>OR</b> 409		3-4	

Physics Requirements			
Course	Semester	Credit	Grade
*PHY111 <b>OR</b> 203		3	
*PHY185 <b>OR</b> 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:		Date:		
Minimum 2.0 GPA required in major for graduation.				
Minimum 2.0 cumulative GPA required for graduation.				

# 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 Fal	l 2023	

#### **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
	_				
	-				
					<u> </u>
			Total Gen Ed credits		
			creats		

Step 3: LIST COURSE AS EACH OUTCOME IS MET

General Education Outcome Audit				
	Course	Grade		
KNOWLEDGE				
A1. STEM				
A2. Social & Behavioral Sciences				
A3. Humanities				
A4. Arts & Design				
COMPETENCIES				
B1. Write effectively				
B2. Communicate effectively				
B3. Mathematical, statistical, or computational				
strategics				
B4. Information literacy				
RESPONSIBILITIES				
C1. Civic knowledge & responsibilities				
C2. Global responsibilities				
C3. Diversity & Inclusion				
INTEGRATE & APPLY				
D1. Ability to synthesize				
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:**

OF GENERAL EDUCATION

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

Sample 4 Year Plan - Effective Fall 2023

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	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	

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

Course Code	Description	Cr	
*GEO 204	Problem Solving in Earth History	4	
*PHY 111,185	General Physics 1, Lab (or PHY 203, 273)	4	
	Supporting Elective or 2nd Semester Science	4	
	*General Education Course	3-4	
		15-16	

#### Sophomore Year Spring Semester

Course Code	Description	Cr	
*GEO 320	Earth Materials	4	
*BIO 101, 103	Biology 1, Lab	4	
	Supporting Elective	4	
	*General Education	3-4	
-		15-16	

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

#### Junior Year Fall Semester

Course Code	Description	Cr	
GEO 370	Earth Structure	4	
STA 308	Statistics (or STA 409)	3-4	
	Supporting Elective	4	
	*General Education Course	3-4	
		14-16	

#### Junior Year Spring Semester

Course Code	Description	Cr	
OCG 493/494	Indep. Research in Ocean.	3	
*GEO 305G	Global Climate Change	4	
OCG 440	Geological Oceanography (or OCG 540)	4	
	Supporting Elective	3-4	
		14-15	

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 appl.

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	

Senior Year Spring Semester			
Course Code	Description	Cr	
OCG 451	Oceanographic Science (or OCG 301)	4	
GEO 450	Sedimentary Geology	4	
	*General Education Course	3-4	
	Supporting Elective (if needed)	3-4	
	Free elective (if needed)	3-4	
		17-20	

#### \_\_\_\_

16-20

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.

\* General Education Course

- + Take MTH 103 with MTH 131
- + Take MTH 111 with MTH 141

#### Freshman Year Spring Semester