## THE UNIVERSITY OF RHODE ISLAND

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

Student:
Student ID:
Advisor:

Effective Fall 2018

## ABOUT THE GEOLOGY OPTION:

A student's GPA for the major is computed based upon all GEO 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 I. 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. Geology Option (10-12 Credits $\mathbf{2 0 0}$ Levels) |  |  |  |
| :--- | :---: | :---: | :---: |
| Course | Semester | Credit | Grade |
| GEO 483 | Fall | 4 |  |
| GEO 480 / Elective |  | $4-6$ |  |
| GEO Elective |  |  |  |
|  |  |  |  |

IV. Supporting Electives ( $\mathbf{2 0}$ 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 |
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[^0]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 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 |
| :---: | :---: | :---: | :---: |
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## THE UNIVERSITY OF RHODE ISLAND

## Geology \& Geological Oceanography, B.S.

## Option: Geology

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## 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


NOTE: BECAUSE MOST COURSES MEET MORE THAN ONE OUTCOME, YOUR OUTCOME AUDIT MIGHT BE COMPLETED BEFORE YOU REACH YOUR 40 CREDITS. HOWEVER, YOU MUST STILL COMPLETE 40 CREDITS OF GENERAL EDUCATION

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:

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## Geology \& Geological Oceanography, B.S. - Geology Option Sample 4 Year Plan - Effective Fall 2018 <br> 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 <br> Economics | 3 |  |
| *MTH 103 | Applied Pre-Calculus (or MTH 111 <br> Pre-Calculus) | 3 |  |
|  | Gen. Ed or Free elective (optional) | 3 |  |
|  |  | $\mathbf{1 4 - 1 7}$ |  |

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 | General Physics 1, Lab | 4 | *BIO 101, 103 | Biology 1, Lab | 4 |  |
|  | Supporting Elective or 2nd Semester Science | 3-4 |  | Supporting Elective | 4 |  |
|  | *General Education Course | 3-4 |  | *General Education Course | 3-4 |  |
|  |  |  |  |  |  |  |
|  |  | 14-16 |  |  | 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 |  |
| :--- | :--- | :---: | :---: |
| GEO 370 | Earth Structure | 4 |  |
| STA 308 | Statistics (or STA 409) | $3-4$ |  |
|  | 2nd Sem. Science / Supporting <br> Elective | 4 |  |
|  | Supporting Elective | $3-4$ |  |
|  |  |  |  |


| Course Code | Description | Cr |  |
| :--- | :--- | :---: | :---: |
| GEO 450 | Sedimentary Geology | 4 |  |
| GEO 305 | Global Climate Change | 4 |  |
|  | Supporting Elective | $3-4$ |  |
|  | *General Education Course | $3-4$ |  |
|  |  |  |  |

Year 3 Milestones: Earn 90 credits and a gpa of 2.0 or higher. Meet with your Advisor to prepare intent to graduate application for fall submission.

| Senior Year Fall Semester |  |  | Senior Year Spring Semester |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Course Code | Description | Cr | Course Code | Description | Cr |  |
| GEO 483 | Hydrogeology | 4 | GEO XXX | Geology Option Elective | 3-4 |  |
| GEO XXX | Geology Option Elective | 3-4 |  | Supporting Elective | 3-4 |  |
|  | Supporting Elective | 3-4 |  | *General Education Course | 3-4 |  |
|  | *General Education Course | 3-4 |  | Free Elective | 3-4 |  |
|  | *General Education Course | 3-4 |  | Free elective (if needed) | 3-4 |  |
|  |  |  |  |  |  |  |
|  |  | 16-20 |  |  | 15-20 |  |

## 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


[^0]:    Note: Courses marked with a * can be used to satisfy major and general education requirements.

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[^1]:    Approved for Graduation
    Advisor:
    Date:
    Minimum 2.0 GPA required in major for graduation.
    Minimum 2.0 cumulative GPA required for graduation.

