

### FIRST YEAR

### SECOND YEAR

### THIRD YEAR

### FOURTH YEAR

FALL

WINTER

FALL

WINTER

FALL

WINTER

FALL

WINTER

**ERTH 1006**  
Exploring Planet Earth

**GEOG 2013**  
Weather and Water

**ERTH 2102**  
Mineralogy to Petrology

**ERTH 2104**  
Igneous Systems, Geochemistry & Processes

**ERTH 3003**  
Geochemistry & Geochronology

**ERTH 3205**  
Physical Hydrogeology

1.0 credit ENSC 4906 Honours Research Project  
OR  
0.5 credit ENSC 4901 Directed Projects with 0.5 credits in ENSC 4000 level course

**MATH 1007**  
Elementary Calculus I

**MATH 1107**  
Linear Algebra I

**ERTH 2314**  
Sedimentation and Stratigraphy

**ERTH 2406**  
Geology & Map Interpretation

**ERTH 3405**  
Geophysical Methods

**ERTH 3806**  
Structural Geology

1.0 credit in EARTH courses at the 4000 level

**CHEM 1001**  
General Chemistry I

**CHEM 1002**  
General Chemistry II

**ENSC 1500**  
Environmental Science Seminar

**ENSC 2001**  
Earth Resources and Natural Hazards

**ERTH 3203\***  
Sedimentology

OR

**ERTH 3206**  
Sedimentary Depositional Systems

1.0 credit in approved courses outside of the Faculty of Science and Engineering & Design

**GEOG 3108**  
Soil Properties

1.0 credit in CHEM, EARTH, ENSC or GEOG (see section 9 of non-major in Undergrad calendar)

**GEOG 1004**  
Maps, Stats & Geospatial Revolution

**STAT 2507**  
Introduction to Statistical Modeling I

**PHYS 1007**  
Elementary University Physics I

**ENSC 2002**  
Methods & Analysis Environmental Science

**ENSC 3000**  
Environmental Science & Management

**PHIL 2380**  
Introduction to Environmental Ethics

**BIOL 2600**  
Ecology

**BIOL 1103**  
Foundations of Biology I

**BIOL 1104**  
Foundations of Biology II

0.5 credits in CHEM, EARTH, ENSC or GEOG (see section 9 of non-major in Undergrad calendar)

**CHEM 2800**  
Foundations for Environmental Chemistry

**ENSC 3509**  
Group Research in Environmental Science

**GEOG 3002**  
Introduction to Remote Sensing

\*ENSC 2000  
Environmental Science Field Methods

■ CHEM   
 ■ GEOG   
 ■ PHYS   
 ■ MATH & STATS   
 ■ PHIL  
■ EARTH   
 ■ GEOM   
 ■ Electives   
 ■ BIOL

#### Note:

- Field Courses marked with an \* are held outside of the regular term dates.
- This is a snapshot of the Undergraduate calendar but information can change. Always consult your audit and seek advising if you are off track.
- It is your responsibility to make sure you have the necessary pre-requisite courses before registering. This information can be found in the Undergraduate calendar at: [calendar.carleton.ca/undergrad/](http://calendar.carleton.ca/undergrad/)