### B.Sc. Environmental Science with concentration in Earth Sciences

#### Catalogue Year: 2021-2022

**FIRST YEAR**

**FALL**
- ERTH 1006 Exploring Planet Earth
- MATH 1007 Elementary Calculus I
- CHEM 1001 General Chemistry I
- STAT 2507 Introduction to Statistical Modeling I
- BIOL 1103 Foundations of Biology I
- ENSC 1500 Environmental Science Seminar
- CHEM 1002 General Chemistry II
- GEOG 1004 Maps, Stats & Geospatial Revolution
- PHYS 1007 Elementary University Physics I

**WINTER**
- GEOM 1004 Maps, Stats & Geospatial Revolution
- ERTH 2106 Mineralogy to Petrology
- ENSC 2000 Environmental Science Field Methods
- STAT 2507 Introduction to Statistical Modeling I
- BIOL 1104 Foundations of Biology II
- PHYS 1007 Elementary University Physics I
- *ENSC 2000 Environmental Science Field Methods

#### SECOND YEAR

**FALL**
- ERTH 2102 Igneous Systems, Geochemistry & Processes
- ERTH 2151 Soil Science
- CHEM 2800 Foundations for Environmental Chemistry
- PHYS 1007 Elementary University Physics I
- *ENSC 2000 Environmental Science Field Methods
- *ENSC 2000 Environmental Science Field Methods

**WINTER**
- ERTH 2314 Sedimentation and Stratigraphy
- ENSC 2001 Earth Resources and Natural Hazards
- STAT 2507 Introduction to Statistical Modeling I
- PHYS 1007 Elementary University Physics I
- *ENSC 2000 Environmental Science Field Methods
- *ENSC 2000 Environmental Science Field Methods

#### THIRD YEAR

**FALL**
- ERTH 2104 Geology & Map Interpretation
- ENSC 2001 Earth Resources and Natural Hazards
- STAT 2507 Introduction to Statistical Modeling I
- PHYS 1007 Elementary University Physics I
- *ENSC 2000 Environmental Science Field Methods
- *ENSC 2000 Environmental Science Field Methods

**WINTER**
- ERTH 2406 Geophysical Methods
- ENSC 2001 Earth Resources and Natural Hazards
- STAT 2507 Introduction to Statistical Modeling I
- PHYS 1007 Elementary University Physics I
- *ENSC 2000 Environmental Science Field Methods
- *ENSC 2000 Environmental Science Field Methods

#### FOURTH YEAR

**FALL**
- ERTH 3003 Geochemistry & Geochronology
- ENSC 3509 Group Research in Environmental Science
- PHIL 2380 Introduction to Environmental Ethics
- ENSC 3000 Environmental Science & Management
- ENSC 3000 Environmental Science & Management
- ENSC 3000 Environmental Science & Management

**WINTER**
- ERTH 3205 Physical Hydrogeology
- ERTH 3206 Sedimentary Depositional Systems
- ENSC 3509 Group Research in Environmental Science
- PHIL 2380 Introduction to Environmental Ethics
- ENSC 3509 Group Research in Environmental Science
- ENSC 3509 Group Research in Environmental Science

**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/