

B.Sc. Environmental Science with concentration in Earth Sciences

Catalogue Year: 2021-2022

FIRST YEAR

SECOND YEAR

THIRD YEAR

FOURTH YEAR

FALL

WINTER

FALL

WINTER

FALL

WINTER

FALL

WINTER

ERTH 1006
Exploring Planet Earth

GEOM 1004
Maps, Stats & Geospatial Revolution

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 2002
Methods & Analysis Environmental Science

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)

ENSC 1500
Environmental Science Seminar

STAT 2507
Introduction to Statistical Modeling I

GEOG 2013
Weather and Water

CHEM 2800
Foundations for Environmental Chemistry

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

PHYS 1007
Elementary University Physics I

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

ENSC 3509
Group Research in Environmental Science

GEOM 3002
Introduction to Remote Sensing

*ENSC 2000
Environmental Science Field Methods

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/

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