

B.Sc. Earth Sciences and Biology

Catalogue Year: 2023-2024

FIRST YEAR

SECOND YEAR

THIRD YEAR

FOURTH YEAR

FALL

WINTER

FALL

WINTER

FALL

WINTER

FALL

WINTER

ERTH 1006
Exploring Planet Earth

ERTH 1009
The Earth System Through Time

ERTH 2102
Mineralogy to Petrology

ERTH 2312
Paleontology

ERTH 3203*
Sedimentology

ERTH 3111
Vert Evolution: Mammals AND
ERTH 3112
Vert Evolution: Fish (offered in alternating years)

1.0 credit ERTH 4908 Honours Thesis
or
0.5 credit ERTH 4909 Project
With 0.5 credit in ERTH 4000 level course

MATH 1007
Elementary Calculus I

MATH 1107
Linear Algebra I

ERTH 2314
Sedimentation and Stratigraphy

BIOL 2001
Animals: Form & Function

OR
ERTH 3206
Sedimentary Depositional Systems

0.5 credits in Science Continuation Course (not ERTH)

1.0 credit in BIOL 4905 Honours Workshop
or
1.0 credit in BIOL 4907 Honours Essay & Research Proposal
Or
1.0 credit in BIOL 4908 Honours Research Thesis

CHEM 1001
General Chemistry I
OR
CHEM 1005
Elementary Chemistry I

CHEM 1002
General Chemistry II
OR
CHEM 1006
Elementary Chemistry II

BIOL 3605*
Field Course I
OR
BIOL 2600
Ecology

STAT 2507
Introduction to Statistical Modeling I

ERTH 3113
Geology of Human Origins

1.0 credit in Free Electives

1.0 credit in ERTH courses at the 4000 level

0.5 credits in either BIOL or BIOC at the 2000, 3000 or 4000 level

PHYS 1007
Elementary University Physics I

PHYS 1008
Elementary University Physics II

COMP 1005
Introduction to Computer Science I

0.5 credits in Science Continuation Course (not ERTH)

1.0 credit in Approved courses outside the Faculty of Science/Engineering (may include NSCI 1000)

1.0 credit in Approved courses outside the Faculty of Science/Engineering (may include NSCI 1000)

BIOL 1103
Foundations of Biology I

BIOL 1104
Foundations of Biology II

1.0 credits in either BIOL or BIOC at the 2000, 3000 or 4000 level

1.0 credit in either BIOL or BIOC at the 3000 level

1.0 credit in either BIOL or BIOC at the 4000 level

■ Chemistry
 ■ NSCI
 ■ Physics
 ■ Math & Stats
■ Earth Sciences
 ■ Geomatics
 ■ Computer Science
 ■ Electives
 ■ Biology

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 advisor 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/