

B.Sc. Earth Sciences and Biology

Catalogue Year: 2022-2023

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

MATH
1007
Elementary
Calculus I

MATH
1107
Linear
Algebra I

ERTH 2314
Sedimentation
and
Stratigraphy

BIOL 2001
Animals:
Form &
Function

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/