

B.Sc. Earth Sciences with Concentration in Resource Economics

Catalogue Year: 2019-2020

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 2104
Igneous Systems, Geochemistry & Processes

ERTH 3003
Geochemistry & Geochronology

ERTH 3204
Mineral Deposits

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 2105
Geodynamics

ERTH 2312
Paleontology

ERTH 3207
Metamorphic Petrology & Processes

ERTH 3205
Physical Hydrogeology

ERTH 4303
Resources of the Earth
OR
ERTH 4306
Resource Basin Analysis

CHEM 1001
General Chemistry I
OR
CHEM 1005
Elementary Chemistry I

CHEM 1002
General Chemistry II
OR
CHEM 1006
Elementary Chemistry II

ERTH 2314
Sedimentation and Stratigraphy

ERTH 2406
Geology & Map Interpretation

ERTH 3405
Geophysical Methods

ERTH 3806
Structural Geology

1.5 credits in **ERTH** courses at the 4000 level

PHYS 1007
Elementary University Physics I

PHYS 1008
Elementary University Physics II

***GEOM 1004**
Maps, Stats & Geospatial Rev (in place of **GEOM 2007**)

BIOL 1104
Foundations of Biology II

ERTH 3203*
Sedimentology
OR

COMP 1005
Introduction to Computer Science I

ECON 4030
Economics of Uncertainty & Information

ECON 3803
Economics of Natural Resources

ECON 1001
Introduction to Microeconomics

ECON 1002
Introduction to Macroeconomics

ECON 2020
Intermediate Microeconomics I

ECON 2030
Intermediate Microeconomics II

ERTH 3206
Sedimentary Depositional Systems

ECON 2220
Introductory Econometrics

ECON 3804
Environment Economics

ECON 3509
Development Planning & Project Evaluation

ERTH 2802*
Field Geology I

ECON 2210
Introductory Statistics for Economics

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/

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