

B.Sc. Earth Sciences with Concentration in Finance: Resource Valuation Catalogue Year: 2024-2025

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 4910** 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 2406
Geology & Map Interpretation

ERTH 3207
Metamorphic Petrology & Processes

ERTH 3205
Physical Hydrogeology

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

CHEM 1001
General Chemistry I

CHEM 1002
General Chemistry II

ERTH 2314
Sedimentation and Stratigraphy

ERTH 2802*
Field Geology I

ERTH 3405
Geophysical Methods

ERTH 3806
Structural Geology

BUSI 3502
Investments

ERTH 4303
Resources of the Earth

PHYS 1007
Elementary University Physics I

BIOL 1104
Foundations of Biology II

ERTH 2004
Maps, Stats & Geospatial Revolution

STAT 2507
Introduction to Statistical Modeling I

ERTH 3203*
Sedimentology OR
ERTH 3206
Sedimentary Depositional Systems

STAT 2509
Introduction to Statistical Modeling II

BUSI 3512
Derivatives

BUSI 4500
Advanced Corporate Finance

OR
COMP 1005
Introduction to Computer Science I

BUSI 1002
Management Accounting

BUSI 1001
Principals of Financial Accounting

BUSI 2505
Business Finance II

BUSI 3500
Applied Corporate Finance

BUSI 4510
Mergers and Acquisitions

ECON 1001
Introduction to Microeconomics

ECON 1002
Introduction to Macroeconomics

BUSI 2503
Introduction to Finance

ECON 2009
Managerial Economics

ECON 3803
The economics of natural resources

■ Chemistry
 ■ Economics
 ■ Physics
 ■ Math & Stats
 ■ Electives
 ■ Biology
 ■ Business
 ■ Geomatics

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/