B.Sc. Earth Sciences and Physical Geography

Catalogue Year: 2021-2022

**FIRST YEAR**

**FALL**
- ERTH 1006 Exploring Planet Earth
- CHEM 1001 General Chemistry I
- PHYS 1007 Elementary University Physics I
- NSCI 1000 or Approved course outside the Faculty of Science/Engineering

**WINTER**
- GEOG 1010 Global Environmental Systems
- CHEM 1002 General Chemistry II
- PHYS 1008 Elementary University Physics II
- 0.5 credit Free Elective

**SECOND YEAR**

**FALL**
- ERTH 2104 Igneous Systems, Geochemistry & Processes
- ERTH 2004 Maps, Stats & Geospatial Revolution
- COMP 1005 Introduction to Computer Science I
- ERTH 2802* Field Geology I

**WINTER**
- GEOG 2014 The Earth’s Surface
- STAT 2507 Introduction to Statistical Modeling I
- GEOM 3002 Introduction to Remote Sensing
- 0.5 credits in approved courses outside the Faculty of Science/Engineering

**THIRD YEAR**

**FALL**
- ERTH 3003 Geochemistry & Geochronology
- ERTH 3405 Geophysical Methods
- STAT 2507 Introduction to Statistical Modeling I
- GEOM 3002 Introduction to Remote Sensing

**WINTER**
- ERTH 3205 Physical Hydrogeology
- ERTH 3806 Structural Geology
- 0.5 credits in approved electives (see list in Undergrad calendar)
- 0.5 credits in approved courses outside the Faculty of Science/Engineering

**FOURTH YEAR**

**FALL**
- 1.0 credit ERTH 4908 Honours Thesis or 0.5 credit ERTH 4909 project
- 1.0 credit GEOG 4906 Honours Research Project or 0.5 credit GEOG 4005 Directed Studies
- 1.0 credit in GEOG 3000 level courses (see section 8 of major in Undergrad calendar for choices)
- 0.5 credits in approved electives (see list in Undergrad calendar)

**WINTER**
- 1.0 credit in ERTH, Science GEOG or GEOM at 2000 level or higher
- 0.5 credits in approved courses outside the Faculty of Science/Engineering

**Note:**
- Field Courses marked with * 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/