

## Online courses offered in Earth Sciences in Canadian Universities

### Acadia University

GEOL 1033 General Oceanography

GEOL 2753 Atmosphere, Weather and Climate

Descriptions: <https://www2.acadiau.ca/online/courses.html>

### Alberta, University of

Dino 101: Dinosaur Paleobiology <https://www.ualberta.ca/admissions-programs/online-courses/dino101>

Introduction to the Arctic: Climate <https://www.ualberta.ca/admissions-programs/online-courses/arctic-climate>

Mountains 101 <https://www.ualberta.ca/admissions-programs/online-courses/mountains-101>

Paleontology: Ancient Marine Reptiles <https://www.ualberta.ca/admissions-programs/online-courses/paleontology-marine-reptiles>

Paleontology: Early Vertebrate Evolution <https://www.ualberta.ca/admissions-programs/online-courses/paleontology-vertebrate-evolution>

Paleontology: Theropod Dinosaurs and the Origin of Birds <https://www.ualberta.ca/admissions-programs/online-courses/paleontology-theropod-dinosaurs>

### Brock University

ERSC 1P92 Extreme Earth

ERSC 1P94 Planetary Science

<https://brocku.ca/webcal/2018/undergrad/ersc.html>

Calgary: None

### Carleton University

[ERTH 1006](#) - Exploring Planet Earth

[ERTH 1010](#) - Our Dynamic Planet Earth

[ERTH 1009](#) - The Earth System Through Time

[ERTH 1011](#) - Evolution of the Earth

[ERTH 2401](#) - Dinosaurs

[ERTH 2415](#) - Natural Disasters

[ERTH 2403](#) - Introduction to Oceanography

Descriptions: <https://calendar.carleton.ca/undergrad/courses/ERTH/>

### Dalhousie University

ERTH 1030 Physical Geography

Description:

<https://academiccalendar.dal.ca/Catalog/ViewCatalog.aspx?pageid=viewcatalog&entitytype=CID&entitycode=ERTH+1030>

### Université Laval

GLG-1000 Planète Terre

GLG-1900 Géologie pour ingénieurs

GLG-1007 Les géosciences, l'Homme et son environnement

[https://www.ulaval.ca/no\\_cache/les-etudes/cours/repertoire.html?motcle=&idpagecours=11&matierecours=91&modeenseignement=0&ses](https://www.ulaval.ca/no_cache/les-etudes/cours/repertoire.html?motcle=&idpagecours=11&matierecours=91&modeenseignement=0&ses)

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### **McGill University**

MOOC in Natural Hazards, co-taught with the Department of Atmospheric and Oceanic Sciences  
<https://www.mcgill.ca/tls/about/our-projects/mcgillx>

### **McMaster University**

1C03 (Climate, Water and Environment) is a partially on-line course, but with physical meetings between instructor & students.

### **Memorial University**

EASC 2916 Natural Hazards on a Dynamic Earth

EASC 2918 Earth's Story

EASC 4703 Environmental Change and Quaternary Geography

Descriptions: <https://www.mun.ca/regoff/calendar/sectionNo=SCI-2273>

**Ottawa:** none

### **St. Mary's**

GEOL 1202 Planet Earth: Atlantic Canada Perspective

GEOL 1203 Earth History: Atlantic Canada Perspective

<https://smu.ca/academics/studio/online-learning.html>

### **Saskatchewan**

Introductory physical geology (3 credits) and 2) Introductory historical geology (3 credits) (both non-lab)

**Toronto:** none

**UQàMontreal:** none

**Regina:** none

### **Waterloo:**

Earth 121 Introduction to Earth Sciences

<https://my.cel.uwaterloo.ca/p/form/courses/search/course/sub/EARTH/cat/121/topic/0>

### **Western University**

ES1070A and B – Introduction to the Geology and Resources of Earth

ES1086F and G – Origin and Geology of the Solar System

ES2240F and G – Catastrophic Events in Earth History

ES2232G – Exploring the Planets

Link: [https://www.uwo.ca/earth/undergraduate/course\\_information/index.html](https://www.uwo.ca/earth/undergraduate/course_information/index.html)

### **Windsor:**

Atmosphere and Climate (ESCI-1130-91)

Natural Hazards and Disasters (ESCI-1000-91)

Introduction to Planetary Science (ESCI-1020-91)

Science, Technology and Society (ESCI-2000-91)

<https://learnonline.ecampusontario.ca/Online-Colleges-Universities/428/university-of-windsor>