

Contract Instructor Positions
Department of Earth Sciences
Carleton University

In accordance with Articles 15-16 of the CUPE 4600 Collective Agreement Unit 2, the Department of Earth Sciences invites qualified applicants to apply to teach the following courses during the **Fall 2020 and Winter 2021 Terms**.

Fall Term 2020

ERTH 1006 / 1010 Exploring Planet Earth/Our Dynamic Planet Earth

Minimum requirements for this position are a PhD in Earth Sciences with a specialization in physical geology, including igneous petrology, metamorphic petrology and structural geology. The candidate must have experience in designing labs for a physical geology course and designing and executing field trips. Experience in teaching of earth resources and geophysics are required. Two sections of EARTH 1006/1010 are being offered as a multi-term agreement: one section in Fall 2020 and another section in Fall 2021. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 2401 Dinosaurs

Minimum requirements for this position are a PhD in Biology or Earth Sciences with a specialization in Vertebrate Paleontology. The candidate must have previous teaching experience in Vertebrate Paleontology at the university level. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 2403 Introduction to Oceanography

The minimum requirement for qualified applicants applying to teach EARTH 2403, "Introduction to Oceanography" is a Ph.D. in Earth Sciences with expertise in the subject area, and previous teaching experience. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 3003 Geochemistry and Geochronology

Minimum requirements for this position are a PhD Earth Sciences with a strong background in Geochemistry and Isotope Geochemistry. Expertise and previous teaching experience in Igneous Petrology and Mineralogy at the second-year university level is required. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 3113 Geology of Human Origins

The minimum requirement for qualified applicants applying to teach EARTH 3113 "Geology of Human Origins" is normally a M.Sc. degree with expertise in the subject area and previous teaching experience. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 4801/ERTH5701 Physics of the Earth

The minimum requirement for qualified applicants applying to teach EARTH 4801/5701, "Physics of the Earth", is a PhD in Earth Sciences with a specialization in Geophysics, and previous teaching experience. Practical expertise is required in gravitational, magnetic and palaeomagnetic fields; seismology and earthquake occurrence; heat flow and thermal history; and geodynamic processes. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 4815 Natural Hazards in Canada

The minimum requirement for qualified applicants applying to teach EARTH 4815, "Natural Hazards in Canada" is a Ph.D. in science with experience in teaching or teaching assistantship in natural hazards. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 4820 Research Methods in Earth Sciences

The minimum requirement for qualified applicants applying to teach EARTH 4820, "Research Methods in Earth Sciences" is a Ph.D. in science with experience in research and analytical methods. *The University may require that all or part of this course be delivered remotely, including online.*

Winter Term 2021**ERTH 2012 Planet Hollywood**

Minimum requirements for this position are a Ph.D. in Earth Sciences with a specialization in physical geology, including igneous petrology, metamorphic petrology and structural geology. This is a blended course with delivery of web based online content coupled with evening film screenings. Practical experience developing and delivering online content via cuLearn, using Lightboard, student response systems (Poll Everywhere) and video editing experience are required. Previous teaching experience in introductory physical geology required. Knowledge of US geology including their national parks is an asset.

ERTH 2104 Igneous Systems and Geochemistry

Minimum requirements for this position are a PhD Earth Sciences with a specialization in Igneous Petrology and Geochemistry. Expertise and previous teaching experience in Mineralogy and Geochemistry is strongly suggested. *The University may require that all or part of this course be delivered remotely, including online.*

ERTH 2404 Engineering Geoscience

The minimum requirement for qualified applicants applying to teach EARTH 2404, "Engineering Geoscience:" is a Ph.D. in science or engineering, expertise in the subject area and previous teaching experience. *The University may require that all or part of this course be delivered remotely, including online.*

