

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 2022 and Winter 2023 Terms**.

Fall Term 2022

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

The minimum requirement for this position is 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. One section of EARTH 1006/1010 is being offered as a multi-term agreement: one section in Fall 2022. ***The planned mode of delivery for this course will include in-person labs. The University may require that all or part of this course be delivered in person or remotely, including online.***

ERTH 2314 Sedimentation and Stratigraphy

The minimum requirement for this position is a PhD in Earth Sciences with a specialization in sedimentology. ***The planned mode of delivery for this course will include in-person face-to-face labs. The University may require that all or part of this course be delivered in person or remotely, including online.***

ERTH 2401 Dinosaurs

The minimum requirement for this position is 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 in person or remotely, including online.***

ERTH 3003 Geochemistry and Geochronology

The minimum requirement for this position is a PhD in Earth Sciences with a specialization in geochemistry and isotope geochemistry/geochronology. The planned mode of delivery for this course will include in-person face-to-face labs. The university may require that all or part of this course be delivered in person or 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. One section of EARTH 3113 is being offered as a multi-term agreement: one section in Fall 2022. ***The University may require that all or part of this course be delivered in person or remotely, including online.***

ERTH 3206 Sedimentary Depositional Systems

The minimum requirement for this position is a PhD in Earth Sciences with a specialization in sedimentology and stratigraphy. ***The planned mode of delivery for this course will include in-person experiential learning including off-campus field trips. The University may require that all or part of this course be delivered in person or 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. **One section of EARTH 4815 is being offered as a multi-term agreement: one section in Fall 2022. *The University may require that all or part of this course be delivered in person or 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 planned mode of delivery for this course will include in-person experiential learning including off-campus meetings at research laboratories. The University may require that all or part of this course be delivered in person or remotely, including online.***

Winter Term 2023

ERTH 2012 Planet Hollywood

The minimum requirement for this position is 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. ***The University may require that all or part of this course be delivered remotely, including online.***

ERTH 2104 Igneous Systems, Geochemistry and Processes

The minimum requirement for this position is a PhD in Earth Sciences with a specialization in igneous petrology and geochemistry. The planned mode of delivery for this course will include in-person labs. The university may require that all or part of this course be delivered in person or remotely, including online.

ERTH 2312 Paleontology

The minimum requirement for this position is a PhD in Earth Sciences with a specialization in paleontology. The planned mode of delivery for this course will include in-person labs. The university may require that all or part of this course be delivered in person or 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 planned mode of delivery for this course will include in-person labs. ***The University may require that all or part of this course be delivered in person or remotely, including online.***

ERTH 2406 Geology and Map Interpretation

The minimum requirement for this position is a PhD in Earth Sciences with a specialization in geological mapping, petrology, structural geology and mineral deposits. This course serves as the preparation for Field School. The planned mode of delivery for this course will include in-person labs. The university may require that all or part of this course be delivered in person or remotely, including online.

ERTH 2415 Natural Disasters

The minimum requirement for qualified applicants applying to teach EARTH 2415, "Natural Disasters" is a Ph.D. in science or engineering, and previous teaching experience. Practical experience in the study of natural hazards and/or the mitigation of natural disasters is an asset. **One section of EARTH 2415 is being offered as a multi-term agreement: one section in Winter 2023. *The University may require that all or part of this course be delivered in person or remotely, including online.***

ERTH 2419 On the Origin of Planets

The minimum requirement for qualified applicants applying to teach EARTH 2419, "On the Origin of Planets:" is a Ph.D. in science or engineering, expertise in the geological history of the solar system, geochemistry, and previous teaching experience. ***The University may require that all or part of this course be delivered in person or remotely, including online.***

ERTH 2802 Field Geology I

The minimum requirement for qualified applicants applying to teach EARTH 2802, "Field Geology I:" is a PhD in Earth Sciences, expertise in geological mapping, petrology, structural geology and mineral deposits. The planned mode of delivery for this course is an in-person field camp offered at the end of April/early May.

ERTH 3205 Physical Hydrogeology

The minimum requirement for qualified applicants applying to teach EARTH 3205 "Physical Hydrogeology" is a M.Sc. in Earth Sciences, expertise in hydrology and previous teaching experience in the subject area. The planned mode of delivery for this course will include in-person labs. **One section of EARTH 3205 is being offered as a multi-term agreement: one section in Winter 2023. *The University may require that all or part of this course be delivered remotely, including online.***

ERTH 3806 Structural Geology

The minimum requirement for this position is a PhD in Earth Sciences with a specialization in structural geology and previous teaching experience. The planned mode of delivery for this course will include in-person labs. The university may require that all or part of this course be delivered in person or remotely, including online.

A note to all applicants: As per Articles 16.3 and 16.4 in the CUPE 4600 (Unit 2) Collective Agreement, the posted vacancies listed above are first offered to applicants meeting the incumbency criterion. A link to the current CUPE 4600 (Unit 2) Collective Agreement can be found at the Academic Staff Agreements webpage on the Carleton University website.

The course descriptions are available online at: <http://calendar.carleton.ca/undergrad/courses/ERTH/>

Application Procedures and Deadlines:

Applications (PDF file), indicating each course for which you wish to be considered, should be sent by May 31, 2022, to:

Dr. Brian Cousens, Chair
c/o Sheila Thayer, Departmental Administrator
Department of Earth Sciences
Sheila.Thayer@carleton.ca

As per Article 15.3 of the current CUPE 4600 Unit 2 Collective Agreement, applicants are required to submit an up-to-date CV, a statement about teaching philosophy, contact information for two referees, teaching experience that includes a complete listing of all courses taught within the CUPE 4600 Unit 2 bargaining unit at Carleton University, and a Contract Instructor Application Form

<http://carleton.ca/provost/wp-content/uploads/CI-Application-FINAL.pdf>

All courses are subject to budgetary approval and the University reserves the right to cancel any courses with insufficient registration.