

List of Canadian secondary schools & associated homepage websites that offer Earth Science and related courses (as of June 2024):

## NEWFOUNDLAND & LABRADOR

**Memorial University**, St. John's, N.L.

[www.mun.ca](http://www.mun.ca)

- Earth Sciences
- Geography
- Physics & Physical Oceanography

**Sir Wilfred Grenfell College**, Corner Brook, N.L.

[www.grenfell.mun.ca](http://www.grenfell.mun.ca)

- General Sciences
- Environmental Science
- Environment and Sustainability

## NOVA SCOTIA

**Acadia University**, Wolfville, N.S.

[www.acadiau.ca](http://www.acadiau.ca)

- Environmental and Sustainable Studies
- Environmental Geoscience
- Environmental Science
- Geology

**Cape Breton University**, Sydney, N.S.

[www.cbu.ca](http://www.cbu.ca)

- Mathematics, Physics and Geology
- Bachelor of Arts and Science in Environment (BASE)

**Dalhousie University**, Halifax, N.S.

[www.dal.ca](http://www.dal.ca)

- Earth Sciences
- Oceanography
- Physics & Atmospheric Science
- Earth and Environmental Sciences

**Saint Francis Xavier University**, Antigonish, N.S.

[www.stfx.ca](http://www.stfx.ca)

- Earth Science
- Aquatic Resources
- Environmental Sciences

**Saint Mary's University**, Halifax, N.S.

[www.smu.ca](http://www.smu.ca)

- Geology
- Environmental Science
- Geography

**PRINCE EDWARD ISLAND**

**University of Prince Edward Island**, Charlottetown, P.E.I. [www.upei.ca](http://www.upei.ca)

- Environmental Studies Program

**Holland College**, Charlottetown, P.E.I. [www.hollandcollege.com](http://www.hollandcollege.com)

- Environmental Applied Science Technology Program

**NEW BRUNSWICK**

**Mount Allison University**, Sackville, N.B. [www.mta.ca](http://www.mta.ca)

- Geography & Environment
- Environmental Studies
- Environmental Science

**St. Thomas University**, Fredericton, N.B. [www.stu.ca](http://www.stu.ca)

- Science & Technology Studies

**University of New Brunswick<sup>1</sup>**, Fredericton, N.B. [www.unb.ca](http://www.unb.ca)

- Earth Sciences
- Geological Engineering
- Geodesy and Geomatics Engineering
- Forestry & Environmental Management

**University of New Brunswick<sup>2</sup>**, Saint John, N.B. [www.unb.ca](http://www.unb.ca)

- Science, Applied Science & Engineering

**QUEBEC**

**CÉGEP (Collège d'enseignement général et professionnel)** [www.lecegep.ca](http://www.lecegep.ca)

Cégep de l'Abitibi-Témiscamingue (Campus de Rouyn-Noranda), QC

Cégep de Thetford, PQ

Cégep de Sept-Îles, PQ

- Technologie minérale: géologie

**Centre de Formation Professionnelle de Val D'Or**, Val D'Or, QC [www.cfpvaldor.qc.ca](http://www.cfpvaldor.qc.ca)

- Mining and Construction Training Program

**Concordia University**, Montreal, QC [www.concordia.ca](http://www.concordia.ca)

- Geography, Planning & Environment

**École Polytechnique**, Montreal, QC [www.polymtl.ca/cgm](http://www.polymtl.ca/cgm)

- Geological Engineering (génies géologique)

- Mining Engineering (génies des mines)

**McGill University, Montreal, QC**[www.mcgill.ca](http://www.mcgill.ca)

- Earth and Planetary Sciences
- Mining & Materials Engineering
- McGill Bieler School of Environment
- Atmospheric & Ocean Sciences
- Geography

**Université du Montréal, Montréal, QC**[www.umontreal.ca](http://www.umontreal.ca)

- Environnement et développement durable
- Géographie

**Université du Québec en Abitibi-Témiscamingue, QC**[www.uquat.ca](http://www.uquat.ca)

- Génie des mines
- Sciences de l'environnement

**Université du Québec à Chicoutimi, Chicoutimi, QC**[www.uqac.ca/uest/](http://www.uqac.ca/uest/)

- Secteur des sciences de la Terre

**Université du Québec à Montréal, Montréal, QC**[www.uqam.ca](http://www.uqam.ca)

- Sciences de la terre et de l'atmosphère
- Géographie
- Géologie

**Université du Québec à Rimouski, Rimouski, QC**[www.uqar.ca](http://www.uqar.ca)

- Géographie

**Université Laval, Ste-Foy, QC**[www.ulaval.ca](http://www.ulaval.ca)

- Géographie
- Géologie et génie géologique
- Génie des mines, de la métallurgie et des matériaux
- Sciences due Bois et de la Forêt

**Université de Sherbrooke, Sherbrooke, QC**[www.usherbrooke.ca](http://www.usherbrooke.ca)

- Géologie
- Géomatique appliquée à l'environnement
- Géographie

**ONTARIO****Algonquin College, Ottawa, Perth, and Pembroke, ON**[www.algonquincollege.com](http://www.algonquincollege.com)

- Environmental & Applied Sciences
- Advanced Technology

- Computer Sciences

**Brock University**, St. Catharines, ON[www.brocku.ca](http://www.brocku.ca)

- Earth Sciences
- Geography
- Earth & Planetary Science Communication
- Environmental Sustainability
- Environmental Geoscience

**Carleton University**, Ottawa, ON[www.carleton.ca](http://www.carleton.ca)

- Earth Sciences
- Geography & Environmental Studies

**Lambton College**, Sarnia, ON[www.lambtoncollege.ca](http://www.lambtoncollege.ca)

- Environmental Technician – Water & Wastewater Systems Operations

**Lakehead University**, Thunder Bay, ON[www.lakeheadu.ca](http://www.lakeheadu.ca)

- Geology
- Geography
- Environmental Studies

**Laurentian University**, Sudbury, ON[www.laurentian.ca](http://www.laurentian.ca)

- Earth Sciences
- Environmental Science Program
- Geography Program

**Loyalist College**, Belleville, ON[www.loyalistcollege.com](http://www.loyalistcollege.com)

- Environmental Technician/Technologist Program

**McMaster University**, Hamilton, ON[www.mcmaster.ca](http://www.mcmaster.ca)

- School of Earth Science, Environment & Society

**Niagara College**, Niagara Falls, ON[www.niagaracollege.ca](http://www.niagaracollege.ca)

- Environmental Studies – Environmental Technician
- Environmental Studies – Environmental Management & Assessment
- School of Technology - Renewable Energies Technician

**Northern College of Applied Arts & Technology**, Haileybury, ON[www.northerncollege.ca](http://www.northerncollege.ca)

- Haileybury School of Mines

**Queen's University**, Kingston, ON[www.queensu.ca](http://www.queensu.ca)

- Geological Sciences and Geological Engineering
- School of Environmental Studies

**Seneca College of Applied Arts & Technology**, Toronto, ON [www.senecacollege.ca](http://www.senecacollege.ca)

- Energy Management – Built Environment
- Environmental Technician

**Trent University**, Peterborough, ON [www.trentu.ca](http://www.trentu.ca)

- Geography
- School of the Environment
- GIS

**University of Guelph**, Guelph, ON [www.uoguelph.ca](http://www.uoguelph.ca)

- Environmental Sciences
- Indigenous Environmental Science & Practice
- Environmental Management

**University of Ottawa**, Ottawa, ON [www.uottawa.ca](http://www.uottawa.ca)

- Earth and Environmental Sciences (English)  
Sciences de la Terre (Français)
- Geography, Environment and Geomatics (English)  
Géographie, environnement et géomatique (Français)

**University of Toronto**, Toronto, ON [www.utoronto.ca](http://www.utoronto.ca)

- Earth and Environmental Systems
- Geography

**University of Toronto**, Mississauga, ON [www.utm.utoronto.ca](http://www.utm.utoronto.ca)

- Earth Science
- Environmental Geoscience
- Geography, Geomatics and Environment

**University of Waterloo**, Waterloo, ON [www.uwaterloo.ca](http://www.uwaterloo.ca)

- Earth & Environmental Sciences
- Geography and Environmental Management

**University of Western Ontario**, London, ON [www.uwo.ca](http://www.uwo.ca)

- Earth Sciences
- Environmental Science
- Geography and Environment

**University of Windsor**, Windsor, ON [www.uwindsor.ca](http://www.uwindsor.ca)

- School of the Environment
- General Science

**York University**, Toronto, ON [www.lassonde.yorku.ca](http://www.lassonde.yorku.ca)

- Earth and Space Science and Engineering

**MANITOBA****Assiniboine Community College**, Brandon, MB[www.assiniboine.net](http://www.assiniboine.net)

- GIS
- Land & Water Management
- Sustainable Food Systems

**Brandon University**, Brandon, MB[www.brandonu.ca](http://www.brandonu.ca)

- Geology
- Geography and Environment
- Environmental Science

**Northern Manitoba Mining Academy**, Flin Flon, MB[www.miningacademy.ca](http://www.miningacademy.ca)**University of Manitoba**, Winnipeg, MB[www.umanitoba.ca](http://www.umanitoba.ca)

- Earth Sciences
- Environment & Geography

**University of Winnipeg**, Winnipeg, MB[www.uwinnipeg.ca](http://www.uwinnipeg.ca)

- Environmental Studies and Sciences
- Geography

**SASKATCHEWAN****First Nations University of Canada**, Regina, SK[www.fnuniv.ca](http://www.fnuniv.ca)

- Indigenous Environmental Science

**Northlands College**, Creighton, SK[www.northlandscollege.ca](http://www.northlandscollege.ca)

- Mineral Exploration Techniques
- Bachelor of Science

**Northlands College**, Air Ronge (Lac La Ronge), SK[www.northlandscollege.ca](http://www.northlandscollege.ca)

- Mineral Exploration Techniques

**Saskatchewan Indian Institute of Technology** (Regina, Saskatoon, Fort Qu'Appelle, Yorkton, North Battleford, Prince Albert, Onion Lake, Meadow Lake, La Ronge), SK[www.siiit.ca](http://www.siiit.ca)**Saskatchewan Polytechnic**, Prince Albert<http://saskpolytech.ca/>

- Geographic Information Science, Woodland Campus
- Resource and Environmental Law

**Saskatchewan Polytechnic**, Moose Jaw<http://saskpolytech.ca/>

- Environmental Engineering Technology

**University of Regina, Regina, SK**

[www.uregina.ca](http://www.uregina.ca)

- Geology
- Geography & Environmental Studies
- Environmental Geoscience
- GIS

**University of Saskatchewan, Saskatoon, SK**

[www.usask.ca](http://www.usask.ca)

- Geology
- Geomatics
- Hydrology
- Environmental & Sustainability
- Environmental Geoscience
- Soil Science

**ALBERTA**

**Athabasca University, Athabasca, AB**

[www.athabascau.ca](http://www.athabascau.ca)

- Environmental Science
- Geography
- Geology

**CDI College: Oil & Gas Administrative Assistant, Business Program**

[www.cdicollege.ca](http://www.cdicollege.ca)

Multiple locations: Calgary City Centre, Calgary North, Edmonton North

**Northwestern Polytechnic, Grande Prairie, AB**

[www.nwpolytech.ca](http://www.nwpolytech.ca)

- Science
- Trades & Industrial training

**Keyano College, Fort McMurray, AB**

[www.keyano.ca](http://www.keyano.ca)

- Environmental Science
- Trades & Heavy Industrial

**Lethbridge College, Lethbridge, AB**

[www.lethbridgecollege.ca](http://www.lethbridgecollege.ca)

- Environmental Sciences
- Geomatics Engineering Technology

**Mount Royal University, Calgary, AB**

[www.mtroyal.ca](http://www.mtroyal.ca)

- Earth and Environmental Science
- Environmental Science

**Northern Alberta Institute of Technology, Edmonton, AB**

[www.nait.ca](http://www.nait.ca)

- Geoscience Technology

- Geomatics Engineering Technology
- Alternative Energy Technology
- Applied Sciences and Technology
- Forest Technology
- Water and Wastewater Technician
- Environmental Monitoring and Assessment

**Red Deer Polytechnic**, Red Deer, AB

[www.rdpolytech.ca](http://www.rdpolytech.ca)

- Atmospheric Sciences (university transfer to U of A)
- Environmental & Conservation Sciences (university transfer to U of A)
- Geophysics (university transfer to U of A)

**Southern Alberta Institute of Technology**, Calgary, AB

[www.sait.ca](http://www.sait.ca)

- Geographic Information Systems
- Geomatics Engineering Technology
- Environmental Technology
- Water and Wastewater Treatment Operations
- Trades & Heavy Industrial

**University of Alberta**, Edmonton, AB

[www.ulberta.ca](http://www.ulberta.ca)

- Geology
- Earth and Atmospheric Sciences
- Renewable Resources

**University of Calgary**, Calgary, AB

[www.ucalgary.ca](http://www.ucalgary.ca)

- Geoscience
- Environmental Science

**University of Lethbridge**, Lethbridge, AB

[www.ulethbridge.ca](http://www.ulethbridge.ca)

- Geography & Environment
- Environmental Science

## BRITISH COLUMBIA

**British Columbia Institute of Technology**, Vancouver, B.C.

[www.bcit.ca](http://www.bcit.ca)

- School of Construction and the Environment
- Mineral Exploration and Mining Technology Program
- Geographic Information Systems

**Douglas College**, New Westminster, B.C.

[www.douglascollege.ca](http://www.douglascollege.ca)

- Earth and Environmental Sciences
- Environmental Science
- Geography and the Environment



**Coast Mountain College** – multiple northern B.C. campuses including Terrace, Prince Rupert, Smithers, Hazelton, Haida Gwaii

[www.coastmountaincollege.ca](http://www.coastmountaincollege.ca)

**Okanagan College** – multiple campuses in the Okanagan including Kelowna, Vernon, Penticton & Salmon Arm, B.C.

[www.okanagan.bc.ca](http://www.okanagan.bc.ca)

- Geography & Earth and Environmental Science
- Physics and Astronomy

**Royal Roads University**, Victoria, Vancouver Island, B.C.

[www.royalroads.ca](http://www.royalroads.ca)

- School of Environment and Sustainability
- Environmental Science
- Environmental Practice

**Selkirk College**, Castlegar, B.C.

[www.selkirk.ca](http://www.selkirk.ca)

- Geology
- Geographic Information Systems
- Geography
- Forest Technology
- Integrated Environmental Planning
- Recreation, Fish and Wildlife

**Simon Fraser University**, Burnaby, B.C.

[www.sfu.ca](http://www.sfu.ca)

- Earth Sciences (Environmental Geoscience & Geology)
- Geography
- Environmental Science

**Thompson River University**, Kamloops, B.C.

[www.tru.ca](http://www.tru.ca)

- Geology Department
- Geography & Environmental Studies
- Natural Resource Sciences

**University of British Columbia**, Vancouver, B.C.

[www.ubc.ca](http://www.ubc.ca)

- Earth & Ocean Sciences
- Institute of Mining Engineering
- Geological Engineering
- Environmental Engineering
- UBC Forestry (Forest Sciences, Natural Resources Conservation, etc.)
- Resources, Management & Environmental Studies

**University of British Columbia** – Okanagan campus, Kelowna, B.C. [www.ok.ubc.ca](http://www.ok.ubc.ca)

- Earth and Environmental Sciences

- Freshwater Science
- Geographic Sciences
- Sustainability

**University of Northern British Columbia**, College of Science & Management, Prince George, B.C.

[www.unbc.ca](http://www.unbc.ca)

- Environmental Science
- Geography
- Ecosystems Science and Management Program
- Natural Resources and Environmental Studies
- GIS for Mining & Exploration
- Northern Studies Program

**University of Northern British Columbia (UNBC) Northwest**, Prince Rupert, B.C.

- Bachelor of Integrated Science – [www.unbc.ca/northwest](http://www.unbc.ca/northwest)
- Environmental and Earth Sciences

**UNBC Northwest, Terrace, B.C.**

[www.unbc.ca](http://www.unbc.ca)

- Bachelor of Integrated Science
- GIS for Mining & Exploration

**NOTE:** UNBC has two campuses in the northwest region: Terrace and Prince Rupert. Terrace Campus serves as the headquarters for the Northwest Region. UNBC students can take courses at either campus, or in a number of other northwest communities: Houston, Smithers, Hazeltons (Old Hazelton, New Hazelton, South Hazelton), Stewart, Kitimat, Nass Valley, and Haida Gwaii).

**University of Victoria**, Vancouver Island, B.C.

[www.uvic.ca](http://www.uvic.ca)

- Earth and Ocean Sciences
- Environmental Studies
- Geography

## NORTHWEST TERRITORIES

**Aurora College (3 campuses)**

[www.auroracollege.nt.ca](http://www.auroracollege.nt.ca)

A public college delivering adult and post-secondary education programs at three campuses and through a network of community learning centres. Over the next four years, Aurora College is transforming into a polytechnic university to increase access to quality post-secondary education for NWT residents.

**Thebacha Campus**, Fort Smith, N.T.

**Aurora Campus**, Inuvik, N.T.

**Yellowknife /North Slave Campus**, Yellowknife, N.T.

Programs:

- Environment & Natural Resources Technology

- Geoscience Field Assistant
- Introduction to the Mining Industry
- Underground Miner
- Mineral Processing Operator

**Kimberlite Career & Technical Centre**, Yellowknife, N.T.

[www.ycs.nt.ca](http://www.ycs.nt.ca)

- Pre-Trades

**Mine Training Society**, Yellowknife, N.T.

[www.minetraining.ca](http://www.minetraining.ca)

## NUNAVUT

**Nunavut Arctic College**, Iqaluit, NU

[www.arcticcollege.ca](http://www.arcticcollege.ca)

- Environmental Technology Program
- Skilled Trades & Apprenticeship Training

**University of the Arctic**, NU

[www.uarctic.org](http://www.uarctic.org)

A cooperative network of universities, colleges, and other organizations committed to higher education and research in the North. Explore the UArctic Study Catalogue to search for northern relevant courses and programs offered by Canadian institutions.

## YUKON TERRITORY

**Yukon University**, Whitehorse, YT

[www.yukonu.ca](http://www.yukonu.ca)

- Earth Sciences
- Environmental Monitoring
- Northern Outdoor and Environmental Studies
- Northern Environmental and Conservation Studies
- Introduction to Surface Mining Operations/Heavy Equipment Operations
- Underground Mining Operations