

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, NF

www.mun.ca

- Earth Sciences
- Geography
- Physics & Physical Oceanography

Sir Wilfred Grenfell College, Corner Brook, NF

www.grenfell.mun.ca

- General Sciences
- Environmental Science
- Environment and Sustainability

NOVA SCOTIA

Acadia University, Wolfville, NS

www.acadiau.ca

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

Cape Breton University, Sydney, NS

www.cbu.ca

- Bachelor of Arts and Science in Environment (BASE)

Dalhousie University, Halifax, NS

www.dal.ca

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

Saint Francis Xavier University, Antigonish, NS

www.stfx.ca

- Earth Science
- Aquatic Resources
- Environmental Sciences

Saint Mary's University, Halifax, NS

www.smu.ca

- Geology
- Environmental Science
- Geography

PRINCE EDWARD ISLAND**University of Prince Edward Island, Charlottetown, P.E.I.** www.upei.ca

- Environmental Studies Program

Holland College, Charlottetown, P.E.I. www.hollandcollege.com

- Environmental Applied Science Technology Program

NEW BRUNSWICK**Mount Allison University, Sackville, NB** www.mta.ca

- Geography & Environment
- Environmental Studies
- Environmental Science

St. Thomas University, Fredericton, NB www.stu.ca

- Science & Technology Studies

University of New Brunswick¹, Fredericton, NB www.unb.ca

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

University of New Brunswick², Saint John, NB

- Faculty of Science, Applied Science & Engineering

QUEBEC**Centre de Formation Professionnelle de Val D'Or, Val D'Or, PQ** www.cfpvaldor.qc.ca

- Mining and Construction Training Program

Concordia University, Montreal, PQ www.concordia.ca

- Geography, Planning & Environment

École Polytechnique, Montreal, PQ www.polymtl.ca/cgm

- Geological Engineering (génies géologique)
- Mining Engineering (génies des mines)

McGill University, Montreal, PQ www.mcgill.ca

- Department of Earth and Planetary Sciences
- Mining & Materials Engineering
- McGill Bieler School of Environment

- Atmospheric & Ocean Sciences
- Geography

Université du Montréal, Montréal, PQwww.umontreal.ca

- Environnement et développement durable
- Département de géographie

Université du Québec à Chicoutimi, Chicoutimi, PQwww.uqac.ca/uest/

- Secteur des sciences de la Terre

Université du Québec à Montréal, Montréal, PQwww.uqam.ca

- Département de sciences de la terre et de l'atmosphère
- Département de géographie
- Majeure en géologie

Université du Québec à Rimouski, Rimouski, PQwww.uqar.ca

- Département de géographie

Université Laval, Ste-Foy, PQwww.ulaval.ca

- Département de géographie
- Département de géologie et de génie géologique
- Département de génie des mines, de la métallurgie et des matériaux
- Sciences du Bois et de la Forêt

ONTARIO**Algonquin College**, Ottawa, Perth, and Pembroke, ONwww.algonquincollege.com

- Environmental & Applied Sciences
- Advanced Technology
- Computer Sciences

Brock University, St. Catharines, ONwww.brocku.ca

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

Carleton University, Ottawa, ONwww.carleton.ca

- Earth Sciences
- Geography & Environmental Studies

Lambton College, Sarnia, ONwww.lambtoncollege.ca

- Environmental Technician – Water & Wastewater Systems Operations

Lakehead University, Thunder Bay, ONwww.lakeheadu.ca

- Geology
- Geography
- Environmental Studies

Laurentian University, Sudbury, ONwww.laurentian.ca

- Earth Sciences
- Environmental Science Program
- Geography Program

Loyalist College, Belleville, ONwww.loyalistcollege.com

- Environmental Technician/Technologist Program

McMaster University, Hamilton, ONwww.mcmaster.ca

- School of Earth Science, Environment & Society

Niagara College, Niagara Falls, ONwww.niagaracollege.ca

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

Northern College of Applied Arts & Technology, Haileybury, ONwww.northerncollege.ca

- Haileybury School of Mines

Queen's University, Kingston, ONwww.queensu.ca

- Geological Sciences and Geological Engineering
- School of Environmental Studies

Seneca College of Applied Arts & Technology, Toronto, ONwww.senecacollege.ca

- Energy Management – Built Environment
- Environmental Technician

Sir Sandford Fleming College, Lindsay, ONwww.flemingcollege.ca

- School of Environmental & Natural Resource Sciences
- Geographic Information Systems – Cartographic Specialist Program

Trent University, Peterborough, ONwww.trentu.ca

- Geography
- School of the Environment
- GIS

University of Guelph, Guelph, ONwww.uoguelph.ca

- Environmental Sciences

- Indigenous Environmental Science & Practice
- Environmental Management

University of Ottawa, Ottawa, ONwww.uottawa.ca

- Department of Earth and Environmental Sciences (English)
Département des sciences de la Terra (Français)
- Department of Geography, Environment and Geomatics (English)
Département de géographie, environnement et géomatique (Français)

University of Toronto, Toronto, ONwww.utoronto.ca

- Earth and Environmental Systems
- Geography

University of Toronto, Mississauga, ONwww.utm.utoronto.ca

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

University of Waterloo, Waterloo, ONwww.uwaterloo.ca

- Earth & Environmental Sciences
- Geography and Environmental Management

University of Western Ontario, London, ONwww.uwo.ca

- Earth Sciences
- Environmental Science
- Geography and Environment

University of Windsor, Windsor, ONwww.uwindsor.ca

- School of the Environment
- General Science

York University, Toronto, ONwww.lassonde.yorku.ca

- Earth and Space Science and Engineering

MANITOBA**Assiniboine Community College, Brandon, MB**www.assiniboine.net

- GIS
- Land & Water Management
- Sustainable Food Systems

Brandon University, Brandon, MBwww.brandonu.ca

- Geology
- Geography and Environment

- Environmental Science

Northern Manitoba Mining Academy, Flin Flon, NB

www.miningacademy.ca

University of Manitoba, Winnipeg, MB

www.umanitoba.ca

- Earth Sciences
- Environment & Geography

University of Winnipeg, Winnipeg, MB

www.uwinnipeg.ca

- Environmental Studies and Sciences
- Geography

SASKATCHEWAN

First Nations University of Canada, Regina, SK

www.fnuniv.ca

- Indigenous Environmental Science

Northlands College, Creighton, SK

www.northlandscollege.ca

- Mineral Exploration Techniques
- Bachelor of Science

Northlands College, Air Ronge (Lac La Ronge), SK

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

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

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

University of Saskatchewan, Saskatoon, SK

www.usask.ca

- Geology
- Geomatics

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

ALBERTA

Athabasca University, Athabasca, AB

www.athabascau.ca

- Environmental Science
- Geography
- Geology

CDI College: Oil & Gas Administrative Assistant, Business Program

www.cdicollege.ca

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

Northwestern Polytechnic, Grande Prairie, AB

www.nwpolytech.ca

- Department of Science
- Trades & Industrial training

Keyano College, Fort McMurray, AB

www.keyano.ca

- Environmental Science
- Trades & Heavy Industrial

Lethbridge College, Lethbridge, AB

www.lethbridgecollege.ca

- Environmental Sciences
- Geomatics Engineering Technology

Mount Royal University, Calgary, AB

www.mtroyal.ca

- Earth and Environmental Science
- Environmental Science

Northern Alberta Institute of Technology, Edmonton, AB

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

- 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

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

University of Alberta, Edmonton, AB

www.ulberta.ca

- Geology
- Earth and Atmospheric Sciences
- Renewable Resources

University of Calgary, Calgary, AB

www.ucalgary.ca

- Department of Geoscience
- Environmental Science

University of Lethbridge, Lethbridge, AB

www.ulethbridge.ca

- Geography & Environment
- Environmental Science

BRITISH COLUMBIA

British Columbia Institute of Technology, Vancouver, BC

www.bcit.ca

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

Douglas College, New Westminster, BC

www.douglascollege.ca

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

Coast Mountain College – multiple northern BC campuses including Terrace, Prince Rupert, Smithers, Hazelton, Haida Gwaii,

www.coastmountaincollege.ca

Okanagan College – multiple campuses in the Okanagan including Kelowna, Vernon, Penticton & Salmon Arm

www.okanagan.bc.ca

- Geography & Earth and Environmental Science
- Physics and Astronomy

Royal Roads University, Victoria, Vancouver Island, BC

www.royalroads.ca

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

Selkirk College, Castlegar, BC

www.selkirk.ca

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

Simon Fraser University, Burnaby, BC

www.sfu.ca

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

Thompson River University, Kamloops, BC

www.tru.ca

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

University of British Columbia, Vancouver, BC

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, BC

www.ok.ubc.ca

- Earth and Environmental Sciences
- Freshwater Science
- Geographic Sciences
- Sustainability

University of Northern British Columbia, College of Science & Management, Prince George, BC

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

- Bachelor of Integrated Science – www.unbc.ca/northwest
- Environmental and Earth Sciences

UNBC Northwest, Terrace, BC

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, BC

www.uvic.ca

- Earth and Ocean Sciences
- Environmental Studies
- Geography

NORTHWEST TERRITORIES

Aurora College (3 campuses)

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, NT

Aurora Campus, Inuvik, NT

Yellowknife /North Slave Campus, Yellowknife, NT

Programs:

- Environment & Natural Resources Technology
- Geoscience Field Assistant
- Introduction to the Mining Industry
- Underground Miner
- Mineral Processing Operator

Kimberlite Career & Technical Centre, Yellowknife, NT

www.ycs.nt.ca

- Pre-Trades

Mine Training Society, Yellowknife, NT

www.minetraining.ca

NUNAVUT

Nunavut Arctic College, Iqaluit, Nunavut

www.arcticcollege.ca

- Environmental Technology Program
- Skilled Trades & Apprenticeship Training

University of the Arctic

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 College, Whitehorse, Yukon

www.yukon.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
- Trades