

# APPLIED EARTH & ENVIRONMENTAL STUDIES

View on YouTube (<https://www.youtube.com/watch?v=De1O9Mr58lo>)

The **Applied Earth & Environmental Studies Certificate** emphasizes the knowledge, skills, and practical applications that come from studying earth sciences and environmental studies.

Through a combination of theoretical concepts and hands-on activities, the curriculum engages students in community-based projects and field-based studies that build valuable skills and knowledge. As a result, students are positioned to meet current employment standards, and are prepared for future career paths. Learners will gain both academic and applied skills relevant for entry-level employment in natural resource management and exploration as well as those pertaining to the environmental consulting industry. For more information, please contact the program coordinator.

## Apply to CMTN

Visit Apply to CMTN (<https://www.coastmountaincollege.ca/admissions/apply-to-cmtn/>) for an Admissions Checklist and to apply online.

Our Educational Advisors (<https://www.coastmountaincollege.ca/student-services/student-support/educational-advising/>) are here to help if you have any questions or need guidance along the way.

## Dates and locations

Intake	Location
Fall 2025	Terrace and Prince Rupert Campus
Winter 2026	Terrace and Prince Rupert Campus

Field School (<https://www.coastmountaincollege.ca/programs/explore/field-schools/>) courses available in the spring and summer.

Study on a full or part-time basis. Some courses are available online (<https://coastmountaincollege.ca/programs/programs/>) and by teleconference.

Note: not all courses are offered at every campus. Speak with an Educational Advisor (<https://coastmountaincollege.ca/student-services/academic-support/educational-advising/>) for assistance with course selection.

Admission to an intake does not guarantee completion in 2 years.

## Program Guide

Code	Title	Credits
GEOG 110	People and the Environment	3
3 credits from the following English courses:		
ENGL 101	Introduction to Composition	3
or ENGL 151	Technical Writing I	

6 credits from the following Biology courses:		
BIOL 101	Introductory Biology I	3
BIOL 102	Introductory Biology II	3
6 credits from the following Geography courses:		
GEOG 150	Physical Geog: Weather and Climate	3
GEOG 160	Physical Geography II: Geology, Geomorphology and Soils	3
or GEOL 157	Intro to Northwest Geology	
3 credits from the following GIS course:		
GEOG 204	Spatial Analysis and Geographic Information Systems (GIS)	3
9 credits from any 2nd year natural-science-based Biology, Geography or Oceanography courses.		
Please note that the following health related Biology courses CAN NOT be used as part of this program: Biol 205, 206, 213, 214, 215, 220, 221, 222.		
3 credits from any Anthropology course with significant First Nations content or any First Nation Studies course:		
Please note that the following Anthropology courses CAN NOT be used as part of this program: Anth 101, 102, 201, 206, 208, 211, 220.		
Total Credits		33

- English Studies 12, or English First Peoples 12, or equivalent
- Math 11 or equivalent
- Life Sciences 11 or equivalent
- Chemistry 11 or equivalent

English proficiency is required for all students entering CMTN programs.

Please visit our English Language Alternatives (<https://coastmountaincollege.ca/admissions/requirements/language-requirements/domestic-english-language-requirements/>) page to see how this requirement can be met.

Need help with the application process? Contact an Educational Advisor (<https://coastmountaincollege.ca/student-services/academic-support/educational-advising/>).

Fees	Domestic	International
Full-time	33 Credits	33 Credits
Tuition	\$3,530.67	\$15,000.15
Mandatory fees	\$268.95	\$320.88
Lab fees (17.85 per credit) <sup>1</sup>	\$214.20	\$214.20
Student Union fees	\$112.76	\$112.76
Health and Dental Insurance *	\$295.00	\$618.38
<b>Total Tuition:</b> <sup>2</sup>	\$4,421.58	\$16,266.37
Books & Supplies <sup>3</sup>	\$2,000.00	\$2,000.00
Field School fees <sup>4</sup>	\$900.00	\$900.00
<b>Total:</b>	\$7,321.58	\$19,166.37



## **Tuition and fees effective August 1, 2025 for the 2025/26 Academic Year.**

1

*Lab fees are mandatory. All associate degrees require a minimum of 3 credits in laboratory science, and students may take up to 42 lab credits.*

2

These fees are an annual cost. Program takes one year to complete.

3

Please note that these are approximate costs and may vary depending on courses taken.

4

Field schools have additional costs between \$100 - \$900 per field school, depending on the location and the activities. Field schools are not a mandatory component of all associate degrees, however, students are strongly encouraged to attend a field school during the spring/summer semester. Associate Degrees specializing in Environmental Geoscience are encouraged to attend a minimum of two field schools. Field schools are subject to different deposit requirements and refund rules.

\* The Coast Mountain Students Union (CMSU) is pleased to offer Extended Health and Dental Insurance to all qualifying members. The plan is mandatory for all students enrolled in 6 or more credits or a trades program of 26 weeks or longer. Some students, including those studying overseas and those with existing extended health coverage, are eligible to opt out. Visit <https://cmsu.studenthealthbc.ca/> to learn more about the plan or request to opt out. You will also receive a detailed introductory email no later than 6 weeks after your semester starts. For any inquiries about the plan, please contact the Students' Union Organiser : Bhushra Ansari, [organiser@mycmsu.ca](mailto:organiser@mycmsu.ca)

\* Basic Health insurance is mandatory for all international students. Health insurance costs will be charged every term until students provide proof of MSP.

## **Career opportunities**

Students will gain both hands-on and theoretical skills to gain entry level employment, including:

- Various levels of Government
- Non-Governmental Organizations (NGOs)
- Mining and Mineral Exploration Industry
- Environmental Consulting Industry

