

Job Posting:175021 - Position: W26 Energy and Climate Policy Modeler 175021B

Co-op Work Term Posted:	2026 - Winter
App Deadline	11/12/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	11/04/2025 11:03 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Navius Research
Address Line 1	Unit 1720
Address Line 2	355 Burrard St
City	Vancouver
Postal Code / Zip Code	V6C 2G8
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Energy and Climate Policy Modeler 175021B
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	4 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	0.0 per hour for 37.5 Major List
Salary Range \$	\$3,800 to \$5,800 per month
Job Description	

Summary

Navius Research is a Vancouver-based consulting firm of environmental economists and applied scientists who conduct cutting-edge modeling for high profile clients across Canada. Our work plays a key role informing the development of energy and climate change policy across the country. We are looking for a co-op with strong quantitative skills and an interest in climate change and energy policy.

The target pay range for this position is \$3,800 to \$5,800 per month for a full-time (37.5 hours per week on average) position, depending on level of experience. We are seeking to hire a 4-month co-op beginning in January 2025 (we are open to extension to 8 or 12 months for the right candidate).

A day in the life...

As a co-op student with Navius, you would get to contribute to applied mathematical modeling of climate change policy for provincial governments, utilities, industry, and stakeholder organizations. This could include contributing to Navius' model code, conducting data analytics and visualization, and communicating results to Navius' clients.

For some examples of the exciting work we do, here are some recent or ongoing projects at the firm:

- **Energy-economy model leasing:** Navius' gTech-IESD model is leased to four provincial governments who use our tools to

forecast provincial greenhouse gas emissions, develop climate change policies, and assess economic costs and benefits. See: Government of British Columbia's CleanBC strategy.

• **Electricity load forecasting for decarbonization:** Navius Research was retained by B.C. Hydro Load Forecasting to identify how achieving the province's targets for greenhouse gas emissions would affect provincial electricity demand.

• **Renewable fuels markets:** we prepare an annual report "Biofuels in Canada", which uses public data to catalog the volume of transportation biofuels consumed in each Canadian province, while estimating the impact of biofuel consumption on greenhouse gas emissions and transportation energy costs from 2010 to 2024.

• **Economic impact analysis:** Navius was retained by the Crown Investments Corporation of Saskatchewan to study and quantify the economic impact of federal climate change policies on Saskatchewan's electricity system.

Some of the benefits of working with Navius are:

- The opportunity to participate in substantive work at the center of the energy and climate change policy field in Canada.
- Open, collaborative, and respectful work environment with lots of spreadsheets and smart, hard-working people.
- Senior leadership with industry-leading modeling expertise and experience but no requirement to wear a suit and tie.
- Great office space in downtown Vancouver, steps from transit, food trucks and the waterfront.

Navius Research offers a flexible work environment to employees, with a target that Vancouver-based employees come to the office 2-3 days per week. Navius staff enjoy a monthly membership to pool and fitness facilities at the YWCA.

Your responsibilities

As part of the Navius team, you will:

- Support the development, maintenance and operation of Navius' gTech computable general equilibrium and linear optimization models.
- Prepare code in GAMS, SQL, R, and Python to customize Navius' models to client needs and data.
- Review, interpret and troubleshoot quantitative results.
- Prepare data analytics and visualization.
- Contribute to reports, memos and presentation decks for clients, translating complex modeling results into key insights.

Contact us

If this sounds like an exciting opportunity and you've got the skills and experience we're looking for, please apply via UBC co-op portal [by November 12, 2025](#). If you have any specific questions about the job posting, please contact sam@naviusresearch.com. Applications via email will not be reviewed.

Job Requirements

Required qualifications

We would invite applicants who have all of the following:

- Great attitude and desire to problem solve.
- High integrity, curiosity, and drive to create a positive impact for the future of energy and climate policy in Canada.
- The ability to communicate clear opinions, ideas, or suggestions when you have them.
- Experience programming in one or more programming languages. Navius works extensively with GAMS, SQL, and R, but we understand that skills are transferable from other languages like AMPL, Julia, or Python.
- Familiarity with basic concepts of energy and greenhouse gas emissions and a good ability to do unit conversions.

Desired skills

Navius' consulting work covers a broad scope. We will try to match applicants with project work that fits their studies and area of interest. Ideal applicants would have some knowledge or coursework in one or more of the following areas:

- Experience with linear or non-linear optimization models.
- Experience with power systems or capacity expansion models.
- Understanding of Canada's energy system (coursework, personal research, or focus on a particular area, such as electricity, buildings, or oil and gas, is okay).
- An understanding of key policies, programs, and initiatives on climate change and energy advanced by the provincial and federal governments in Canada.
- A familiarity with greenhouse gas emissions accounting and Canada's National Inventory Report.
- Coursework in micro or macroeconomics.
- Knowledge of renewable fuels and lifecycle analysis of greenhouse gas emissions.
- Excellent written and oral communication skills, with an ability to distill and convey complex technical information.

Applicants are required to be legally able to work full-time in Canada for the full duration of the internship.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op

Cover Letter Required? Preferred

Address Cover Letter to Navius Research or Hiring Manager

Special Application Instructions

Cover letters are strongly advised. Please address them to Navius Research or Hiring Manager.