

MSc Opportunity in Boreal Ecosystems and Agricultural Sciences

Grenfell Campus, Memorial University of Newfoundland, Canada

Location: Boreal Ecosystems Research Facility, Grenfell Campus, Memorial University of Newfoundland, Corner Brook, NL, Canada

Department: School of Science and the Environment

Duration: 2 years (full-time)

Stipend: \$22,000 per year

Application closing date: December 31, 2025

Anticipated starting date: May 1, 2026

Position Description:

We are seeking a highly motivated MSc candidate to join a multidisciplinary research project investigating the effect of cover crops on soil health, weed suppression and greenhouse gas (GHG) emissions in the boreal region.

To be considered for admission to MSc – Boreal Ecosystems and Agricultural Sciences, applicants should hold a BSc degree in Agricultural Sciences, Biological Sciences, Environmental Sciences, or related fields with a strong academic standing.

Key Responsibilities:

- Conduct field experiments evaluating the establishment of cover crop species and management strategies
- Monitoring GHG emissions under various cover crop treatments and primary crops to assess soil health
- Process, manage, and analyze environmental and agronomic datasets using statistical tools
- Collaborate with a multidisciplinary team working on sustainable agriculture

Desired Skills and Qualifications:

- Experience in setting field and/or laboratory experiments (e.g., GHG chambers, soil sampling, soil biological/chemical analysis)
- Data collection, Basic data analysis skills.
- Ability to work independently and as part of a multidisciplinary research team

How to Apply:

Submit the following documents as a single PDF to wali@mun.ca on/before December 31, 2025

- A cover letter outlining your motivation and suitability for this position
- A detailed CV highlighting relevant experience and skills
- Academic transcripts (unofficial copies are acceptable)

Further Information:

Contact: Dr. Mumtaz Cheema [macheema@mun.ca]

Memorial University is committed to equity, diversity, and inclusion and welcomes applications from all qualified individuals.

We thank all applicants for their interest; however, only those selected for an interview will be contacted.