



MSc Candidate Position

Best practices for monitoring biodiversity using environmental DNA in Quebec

Background:

Environmental DNA makes it possible to detect species present in an environment without having to capture them, by using water, soil, or air samples. This technology, which offers a rapid approach to biodiversity monitoring, is not widely regulated in Quebec, which slows its adoption. In collaboration with experts and users (e.g., communities, environmental organizations), the project aims to identify successful initiatives using environmental DNA for biodiversity monitoring in Quebec. In a second phase, the project aims to create a guide and resources for new users of environmental DNA.

The required profile is as follows:

- Bachelor's degree in biology, ecology, geography, environmental sciences, social sciences, or a related discipline.
- Interest in applied ecology and biodiversity monitoring.
- Ability to collaborate with various local partners.

Financial support: \$21,000 for two years.

Start date: January 2026, at the Rouyn-Noranda campus of UQAT.

To apply: To express your interest, please send a letter of interest along with copies of your transcripts (which may be unofficial) to:

Limoilou-Amélie Renaud, Ph. D.

Forest Research Institute (IRF),

445 boul. de l'Université, Rouyn-Noranda, QC

limoilou-amelie.renaud2@uqat.ca



UQAT: HIGHER LEARNING ON A HUMAN SCALE

Study in the heart of Quebec's great outdoors

Set in a region where wilderness, lakes, and forest stimulate creativity and foster talent, UQAT is different by nature.

With 22,000 lakes and endless miles of boreal forest, Abitibi-Témiscamingue is a dynamic place full of creative people, new ideas, and bold projects. [See what our students have to say!](#)

Denowned professors with time for you

The professors at UQAT are recognized experts in their fields who epitomize quality teaching. And with a ratio of one professor or lecturer to every twelve students, UQAT offers a personalized educational environment where you will fit right in. Knowing you can always count on your professors to be available - now that's a real advantage.

A world of high-calibre research

Research activities at UQAT are producing remarkable results in a range of scientific fields. According to the 2024 independent firm RESEARCH Infosource Inc., UQAT ranks first in terms of research intensity per professor among Canadian Undergraduate universities.

With more than \$24 million in research per year and state-of-the-art laboratories, UQAT is an exceptional environment for graduate students. Many of our students have achieved excellence in their chosen fields and many of our professors have been recognized for the quality of their research and their innovative spirit. [Find out more](#)

STUDENT FOR A DAY

One visit is enough to know that UQAT is a first-class institution. The Student for a Day program is the best way to learn more about UQAT, visit the campus that interests you, and meet professors and students.

We'll tailor the visit to your needs and interests!

[Find out more](#)

