



GGE REMOTE: WHAT IT IS AND HOW TO JOIN

What is GGE Remote?

GGE Remote is all about choice. It is a decision to stream and record every core undergraduate course offered by the Geodesy and Geomatics Engineering (GGE) Department, as well as a handful of elective courses. This means that any student can choose to participate in classes in-person, via streaming, or via recorded lectures, and all assignments and tests can be completed remotely as well. It also means that you no longer need to drop everything and move to Fredericton to start taking courses from one of the best Geodesy and Geomatics schools in the world.

GGE Remote has been in development since 2018 with the goal of making a high-quality Geomatics education more widely available. Prompted by positive experiences during COVID, the program began as a trial hybrid learning program from 2021–2023. Having met with further success, it became a permanent addition to UNB offerings starting in Winter 2024.

Why “remote” and not “online”?

While much of your study as an off-campus student would be online, some learning activities in geomatics are necessarily hands-on, while still done remotely. This especially applies to a handful of courses involving fieldwork, where you need to access equipment and sometimes supervision by an industry mentor from the surveying or geomatics communities. Many remote students also opt to complete two-week practical surveying courses on-campus, as a chance to visit and meet the GGE Department in person.

Is this an online degree?

No, it is not an online or remote degree. Only courses beginning with “GGE” are offered in hybrid form as “GGE Remote”. These and other courses available online from UNB or elsewhere can contribute toward completing a three-year Bachelor of Geomatics degree through remote study. Contact us about your goals to learn more.



What courses are available?

A full list of courses offered by the GGE Department is available from Undergraduate Calendar. See unb.ca/gge-courses

Those with numbers from 1000 to 4000, as well as GGE 5022, GGE 5522, and GGE 5833, can be taken remotely. GGE 1001 and GGE 4700 can only be taken remotely in exceptional circumstances.

Other courses are offered online by UNB, but in a self-paced format. See unb.ca/openentry

What are the requirements to take a course online?

It is important that you have sufficient background knowledge and technical apparatus to benefit from the course. English proficiency, internet connectivity, and use of a computer are basic requirements for any course. Most courses also require that you meet the admission requirements for the Bachelor of Geomatics degree. See unb.ca/admissions/requirements

If you have completed some post-secondary studies, these may override the admission

requirements listed. If you are interested in taking a course through GGE Remote, and have concerns about meeting the requirements, feel free to reach out and learn about the options available to you.

How to I find out more?

For more information about GGE Remote, including how to register for classes, please contact the GGE Department at gge@unb.ca

Applicants seeking exemptions from the Canadian Board of Examiners for Professional Surveyors (CBEPS) are advised to contact CBEPS first, if they have not already, to determine what subjects they need exemptions from.