

GEOMATICS Engineering

Is it for you?



DID YOU KNOW THAT...

Geolocation is an increasingly popular marketing tool used to localize and target clients.

Geomatics makes it possible to track ambulances remotely and even monitor for flooding risks in the spring.

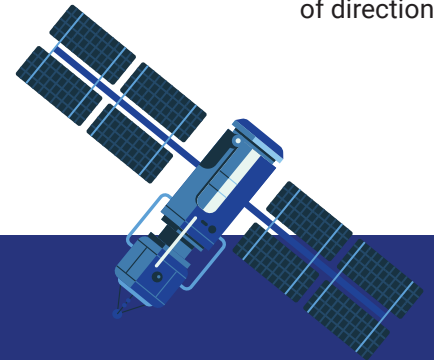
Forest fires are often tracked using satellite images.



Do you like computer science, mathematics, physics and geography?



Do you have a natural sense of direction?



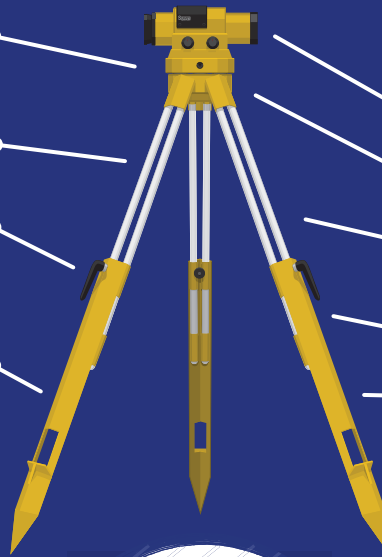
WHAT DO THESE ENGINEERS DO?

Design measurement systems, computer and geomatics tools for acquiring, recording and managing geospatial data.

Develop, add to and analyze geospatial databases.

Develop and ensure the smooth functioning of geographical information systems for different territory managers (forestry, agricultural, mining, and urban).

Collect and analyze geospatial information to create three-dimensional representations, topographical maps or thematic maps of targeted regions.



WHERE DO THESE ENGINEERS WORK?

- Consulting engineering firms
- Public service companies
- Companies that specialize in computer services
- Educational institutions
- Federal and provincial government
- Survey and mapping services

QUEBEC GEOMATICS ENGINEERING AT THE HEART OF INNOVATION

Lac à Paul phosphate mining project

Remote sensing and geomatics tools improve the safety of operations.



(IN FRENCH)

AVERAGE SALARY

\$131,839

Genium360, Compensation Survey of Engineering Employees and Graduates in Québec, 2023

PLACE FOR YOU



BACHELOR'S DEGREE IN GEOMATICS ENGINEERING
4 YEARS



ENDLESS OPPORTUNITIES IN ENGINEERING!

Learn more about geomatics engineering and other kinds of engineering