What is Environmental Geology? The discovery, development and sustainability of water, mineral, and energy resources are ways we study the world we live in. But so is coping with climate change, the human impact on our world, and the natural hazards facing a growing global population. These all depend on a deep understanding of natural processes gained through the study of Environmental Geology.

**TOP 5 REASONS to study GEOLOGICAL SCIENCES**

1. The department has state-of-the-art facilities, including X-ray Diffraction and Applied Geophysics Labs.
2. Most students in the department gain over 240 hours of hands-on experience on various field trips.
3. We are a small, friendly department. You will get to know your classmates and professors very well.
4. The Miller Museum, our on-site museum right here at Queen’s, is your classroom.
5. Our internship program (QUIP) offers a wide range of careers to explore and companies to learn from.

**ALUMNI JOBS**

- 9% of alumni work in GOVERNMENT
- 15% of alumni work in EDUCATION
- 16% of alumni work in MINING
- 21% of alumni work in ENERGY

**alumni STORY**

“The department embraces a work-hard, play-hard ethic that I believe transfers well to the workplace. It teaches that balance is important, and that how you get the work done is as important as getting the work done – a valuable lesson.”

-Kirsten Pugh, BSc ’02

**add a CERTIFICATE to your degree**

- Employment Relations
- Entrepreneurship, Innovation and Creativity
- Disability and Physical Activity
- French for Professionals
- Geographic Information Science
- Global Action and Engagement
- Indigenous Languages and Cultures
- International Studies
- Media Studies
- Sexual and Gender Diversity
- Urban Planning Studies

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**2018-19 thresholds**

**NO AUTOMATIC ACCEPTANCE**

1.9 cGPA PENDING LIST

*Thresholds are made on a competitive basis and are updated annually. For the latest information please visit: QUartscl.com*
The image contains a specialized map for Environmental Geology, a Bachelor of Science (Honours) program. It outlines the course requirements and opportunities for students in their 1st, 2nd, 3rd, and 4th years, as well as after graduation. The map provides guidance on how to get involved in extracurricular activities, volunteer opportunities, and career paths. It highlights the importance of developing skills such as communication, problem-solving, and teamwork. The map also encourages students to explore different career paths and to consider further education or professional certification. Overall, it aims to prepare students for a smooth transition to the world of work after graduation.
Sample Year by Year

1ST YEAR
- BIOL 111/3.0 or BIOL 103/3.0
- CHEM 112/6.0
- GPHY 101/3.0
- GPHY 102/3.0
- GEOL 104/3.0
- GEOL 107/3.0
- 6.0 units from MATH 120/6.0, MATH 121/6.0, or (MATH 123/3.0 and MATH 124/3.0)
- ENSC 103/3.0

2ND YEAR
- One of PHYS 104/6.0, PHYS 106/6.0, PHY 117/6.0, PHYS 118/6.0
- GEOL 200/3.0
- GEOL 221/3.0
- GEOL 232/3.0
- GEOL 235/3.0
- GEOL 238/3.0
- GEOL 249/3.0
- 6.0 units of electives

3RD YEAR
- ENSC 390/3.0
- 9.0 units from GEOL at the 300 level or above
- 9.0 units from GEOL 300/3.0, GEOL 321/3.0, GEOL 337/3.0, GEOL 365/3.0
- 3.0 units from Egeo Options
- 6.0 units of electives

4TH YEAR
- ENSC 430/6.0 or ENSC 501/6.0
- 15.0 units from Egeo Options
- 9.0 units of electives

Note that degree requirements are revised regularly. The most current requirements, including course lists and options, are found in the Academic Calendar at: QUartsci.com/academic-calendar