Why GRADUATE STUDIES in APPLIED GEOLOGY?

The Master of Science in Applied Geology is a one-year program leading to enhanced knowledge in Mineral Exploration/Resource Geology or Geological Engineering. The program normally commences in September and can be completed by the end of April or August of the following year depending on the project and/or pattern.

Why QUEEN’S?

As a Master's student in Geological Science you are part of one of the most research intensive universities in Canada. Our research program is internationally renowned with a wide range of research activities in all of the major specialization areas of geological science. As well, students are able to work in first-rate facilities with world-renowned scientists and research engineers, and have opportunities to collaborate with industrial leaders and engage in extensive fieldwork on six continents, making our program truly a world-class experience. Students can also collaborate with other departments at Queen's, including Mining, Environmental Studies, Chemistry and Biology as well as other institutions like RMC.

Program STRUCTURE

The Master of Science in Applied Geology degree is based either on a project/course-work option, or a course-work only option:

- **Option 1**: GEOL 898 (project) plus 6 term length course credits.
- **Option 2**: Eight term length course credits.

Under the project/course-work option, a student is required to complete six primary term length course credits. The project course is in addition to these six courses, and is taken under the code GEOL 898. At least four primary courses must be taken in the Department of Geological Sciences & Geological Engineering. Up to 25% (1 course) of the primary courses can be 4th year and/or graduate courses which are co-taught and co-numbered with 4th year courses. The project culminates in a written report.

The requirements for the **course-work only option** are eight term length course credits, and at least four courses must be taken in the Department of Geological Sciences & Geological Engineering.

Selection of courses in both the 2 year Research Master's and 1 year Master of Science in Applied Geology is subject to Supervisor and Graduate Coordinator approval. Students must obtain a satisfactory standing in all courses (minimum 70%) in both the 2 year Research Master's and 1 year Master of Science in Applied Geology.
Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS
- Bachelor degree in one of Geological Sciences, Geological Engineering, Mining Engineering, or Civil Engineering. Degrees in fields such as Biology, Chemistry, Physics, Environmental Sciences, or Geography are seriously considered, but may require additional Geology courses.
- Grade requirements: B average.

ADDITIONAL REQUIREMENTS
- If English is not a native language, prospective students must meet the English language proficiency requirements in writing, speaking, reading, and listening. The School of Graduate Studies requires the following minimum scores: TOEFL (paper-based): 550, (2) TOEFL iBT: Writing (24/30); Speaking (22/30); Reading (22/30); Listening (20/30), for a total of 88/120 (applicants must have the minimum score in each test as well as the minimum overall score), or (3) IELTS: 7.0 (academic module overall band score), or (4) PTE Academics: 65.

KEY DATES & DEADLINES
- Application due: February 1st for September admission.
- Notification of acceptance: Normally 4 weeks after the full application has been received.

Before you start your application, please review the Graduate studies application process.

What about FUNDING?

There is no departmental or university funding available for 1 year Master of Science in Applied Geology students. Students are expected to obtain external funding prior to admission in the program. For more information, see the School of Graduate Studies’ information on awards and scholarships.