Application FAQs

What do I need to know to APPLY?

This program is for early to mid-career professionals, with approximately 3 to 10 years’ work experience, in a range of positions within the energy and mineral resource field, including private sector, industry, governmental, or non-profits.

ADDITIONAL REQUIREMENTS
- Work experience is strongly preferred.
- 2 letters of reference.
- 2 official transcripts from all universities attended.
- Current resume.
- Statement of interest.

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, (IBT): Writing 24/30; 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
- IELTS: 7.0 (academic module overall band score), or
- PTE: Academic 65.

KEY DATES & DEADLINES
- September admittance only. Rolling admission process with admission decisions made on a competitive basis until all the places in the program are filled. Applications will begin to be reviewed on February 1.

Before you start your application, please review the Graduate Studies application process. Candidates must apply through the Queen’s School of Graduate Studies website.

What about FEES?

- There is a non-refundable application fee of $105.00 CAD payable to the School of Graduate Studies.
- Tuition fees for domestic students are currently $5,724.89 CAD per term (basically 2 courses per term) plus a one-time program fee covering program materials of $1,000 CAD.
- Tuition fees for international students are currently $14,546 CAD plus a one-time program fee covering program materials of $1,000 CAD.

Why QUEEN’S?

Queen’s Department of Geological Sciences and Engineering, responding to interest expressed by senior industry leaders, have identified the need for a Professional, Part-time Master’s degree focused on enhancing integration across multiple fields within earth and natural resource management, including the geosciences, engineering, and the legal, policy, and business and finance realms. The goal of this program is to develop necessary competencies in emerging leaders in the resource sector so that they may play a major role in wise stewardship of those energy, mineral, and water commodities that are essential to civilized society. Development of these resources in a responsible manner that fosters sustainable futures, both economically and environmentally, demands leaders who can assess risk and make sound decisions in the face of uncertainty. This interdisciplinary degree will capitalize on Queen’s traditional strengths, drawing teaching staff from the faculties of Arts and Science, Engineering and Applied Science, and Law, Smith School of Business and School of Policy Studies, as well as engaging industry practitioners.

Why GRADUATE STUDIES IN EARTH & ENERGY RESOURCE LEADERSHIP?

The unique curriculum design places the progression of the resource life cycle, with its fundamental earth science and engineering aspects, at the center of the program. This life cycle moves from resource exploration, through development, production and use, to stages of remediation, recycling and disposal, and on to a final stage of closure and maintenance. Each phase of this life cycle will be evaluated successively through one of four lenses, or perspectives. These are the economic and business lens, the operating framework of legal, policy, and ethical lenses; the strategic leadership and management lens; (including decision-making, and risk analysis), and the stakeholder engagement, partnership development, and communication lens.

Why the ONLINE Advantage

Online learning offers a flexible approach to complete a degree while balancing your busy work and family life. We understand that our online students juggle work, family and personal commitments, so our courses are flexible to fit your lifestyle. Course materials are available 24/7 through an online student platform called D2L, so you can access them any time. As an online student, you’ll have support for your success, experience Queen’s quality education, and thrive in an interactive learning environment.

Why do I need a Master’s program?

Advisors often identify students who have done a Bachelor’s degree, but are interested in furthering their education to be able to make a difference in the energy and natural resource sectors. A Master’s program is the next step toward achieving your goals.

Why is education important in the Energy and Natural Resource sector?

For a long time, education was not widely recognized as important in the energy and natural resource sector. Today, the sector is losing the generation that learned the business and is now facing a crisis in attracting new talent. The Master’s program seeks to change this, by offering continuing education opportunities for current working professionals.

For more information about Program Structure, please visit the School of Graduate Studies website [link].
Earth & Energy Resources Leadership

You must take 3 out of 4 electives.

Operating effectively: law policy, regulation and ethics

Project management:

Creativity

If you are not already a member, consider joining a professional society or association.

Take advantage of the Program’s webinars and Master Classes.

Take EERL 801, EERL 802, EERL 803, EERL 804, EERL 805, EERL 807 (starting in 2nd term and running through to the end of the 5th final term), EERL 809 (elective–3rd and 4th terms) and EERL 810 (elective).

Better to limit your professional activities to a few in which you can be active and involved, especially in your local chapters.

Professionalism

Economic essentials for mining and oil and gas

Technology and innovation

Perseverance

Awareness

Field-based synthesis

Need career advice? You can book a phone appointment with a career counsellor through Career Services.

Explore different careers of interest by reading books in the Career Services Information Area.

For more information check out Career Cruising or by finding and connecting with alumni on LinkedIn.

Network with the industry leaders involved in the Technology and Innovation Course.

Developers Association of Canada

Society of Economic Geologists

Canadian Society

For help with finding a career path, consider calling the Career Services Reception at (613)-553-2992.

LinkedIn

Visit careers.queensu.ca/gradmaps for the online version with links!

What will I learn?

A graduate degree in Earth and Energy Resources can equip you with valuable and versatile skills, such as:

- Knowledge and technical skills
- Effective communication skills in multiple forms for diverse audiences
- Information management: prioritize, organize and synthesize large amounts of information
- Time management: Meet deadlines and manage responsibilities despite competing demands
- Project management: develop ideas, gather information, analyze, critically appraise findings, draw and act on conclusions
- Creativity and innovation
- Perseverance
- Independence and experience as a collaborative worker
- Awareness: an understanding of sound ethical practices, social responsibility, responsible research and cultural sensitivity
- Professionalism in all aspects of work, research, and interactions
- Leadership: initiative and vision leading people and discussion

Where can I go?

A Master’s degree in Earth and Energy Resources Leadership can take your career in many directions. Our Master’s students are equipped with a strong expertise in:

- Resource life cycle: energy and minerals
- Strategic leadership in the resource sector
- Economic essentials for mining and oil and gas
- Operating effectively: law policy, regulation and ethics
- Communication, and partnerships: stakeholder engagement strategies
- Technology and innovation
- Field-based synthesis

Pursuit of this degree will allow candidates to examine the opportunities and challenges involved in sustainable energy, mineral, and related water resources management, and help them develop the leadership, innovation, and entrepreneurial skills required to more effectively advance the entire enterprise. A graduate degree from this program will enhance both vertical and lateral career progression opportunities for recipients working in the resource field.

Visit careers.queensu.ca/gradmaps for the online version with links!

* This map is intended to provide suggestions for activities and careers, but everyone’s abilities, experiences, and constraints are different. Build your own Grad Map using our online My Grad Map tool.