Applying to and Navigating Graduate Studies

Environmental Studies

Why GRADUATE STUDIES in ENVIRONMENTAL STUDIES?

The Earth's environment is under stress, and the search for solutions is anything but simple. It requires an interdisciplinary approach to problem-solving and education. Our program emphasizes the diverse contributions of the natural sciences, humanities, and social sciences to understanding and solving environmental problems.

The MES program meets a growing student demand for post-graduate training relevant to environmental careers in industry, government, and non-governmental organizations. It responds to a strong market in Canada for professionals with environmentally related skills.

Why QUEEN'S?

The MES program at Queen's University provides graduate level training in the field of Environmental Sustainability by practicing an interdisciplinary approach to the study of the long-term dynamics, impacts and management of environmental change, the connections between today's decisions and tomorrow's experience. Consider the search for solutions is anything but simple.

This program provides opportunities for joint projects with many disciplines at Queen's and RMC, government agencies and partnerships with community organizations.

Program STRUCTURE

The MES is offered with two methods of completion:

- **Method I (Research – 2 years):** four half-credit courses, original research, thesis, seminars, formal defense.
- **Method II (Course based – 16 to 20 months):** development of conceptual thinking, analytical & interpretive skills. Six half-credit courses, seminars, library-based interdisciplinary paper.

RESEARCH Areas

- **Environmental Chemistry & Toxicology:** Analysis of chemicals, their pathways and fates in the environment, their effects on plants, animals, and humans, and remediation options.
- **Ecosystem & Human Health:** Application of a systems approach to understanding the impact of human activities on climate change, biodiversity, ecosystem functions and human health.
- **Society, Culture & Economic Sustainability:** Finding solutions to environmental problems and sustainable living involving the investigation of cultural, social and economic systems.

What about FUNDING?

MES students receive minimum funding of $14,000 per year for the two years of the program. This basic level of funding is pro-rated based on the duration of study. Your overall financial support will consist of graduate awards, external scholarships, internal fellowships and bursaries, teaching and research assistantships, research grants and/or support from the School of Environmental Studies.

Apply for external funding from OSWE, SSHRC and other sources. For more information, see the School of Graduate Studies’ information on awards and scholarships.

Why is the community like?

At Queen’s, graduate students from all disciplines learn and discover in a close-knit intellectual community. You will find friends, peers and support among the graduate students enrolled in Queen's more than 130 graduate programs within 50+ departments & research centres. With the worlds best scholars, peer-winning professional development opportunities, excellent funding packages and life in the affordable, historic waterfront city of Kingston, Queen's offers a wonderful environment for graduate studies. Queen's is an integral part of the Kingston community, with the campus nestled in the core of the city, only a 10 minute walk to downtown with its shopping, dining and waterfront. For more about Kingston's history and culture, see Queen's University’s Discover Kingston page.

What do I need to know to APPLY?

**ACADEMIC REQUIREMENTS**

- 4 year Honours undergraduate degree (or the equivalent). The program is suited to students with a wide range of educational backgrounds, including Environmental Studies, History, Geography, Biology, Chemistry, Life Sciences, Engineering, Law, Philosophy and Art.
- Grade requirements: minimum cumulative GPA of 8.5

**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 Academic: 65.

**KEY DATES & DEADLINES**

- Application due: February 1st.
- Notification of acceptance: As soon as possible after receiving the full application.

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

- Complete your coursework, begin to research and write your essay or thesis.
- Take additional training through the Analytical Research Unit (ASU) on chemical analysis techniques or compilation remediation.
- Attend or present at a graduate conference such as Water Initiative for the Future (WIF).
- Attend and participate in graduate seminars such as ENSC 897: Seminars in Environmental Studies.
- Consider participating in the 3 Minute Thesis (3MT) competition.
- Take part in the Environmental Studies Research Day.
- Consider publication options for your research.
- Attend a major conference in your field, such as the International IUPAC Conference on Green Chemistry.
- Set up a meeting with the School of Graduate Studies for a Grad Chat to discuss your research interests.
- Consider putting an article in The Conversation.

**WRAPPING UP**

- Complete your essay or thesis.
- Consider publication options for your research.
- Attend a major conference in your field, such as the International IUPAC Conference on Green Chemistry.
- Set up a meeting with the School of Graduate Studies for a Grad Chat to discuss your research interests.
- Consider putting an article in The Conversation.
- Practice articulating the skills you have been developing in settings outside the university, such as casual conversation, networking, and interviews. Get help from a Career Services workshop.
- Check out opportunities for extra training through CTL, Expanding Horizons, Mitacs, or other sources to boost your skills.
- Investigate internships from Mitacs and other sources.
- Do some targeted networking with people working in careers of interest, through QueensConnects on LinkedIn, the Queen's Alumni Association, professional associations, and at conferences. Get help from a Career Services workshop.
- Consider joining professional associations like the Ontario Environment Industry Association and the Canadian Institute for Environmental Law and Policy.
- Participate in the Environmental Studies Research Day.
- Participate in hiring committees and attend job talks. Start focusing on areas of interest. Research organizations of interest and start putting together your CV or resume for potential positions of interest. Get help from Career Services with job searching, resumes, or interviews.

**WHAT WILL I LEARN?**

A graduate degree in Environmental Studies can equip you with:

- 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 Environmental Studies can take your career in many directions. Many of our MES students choose to continue their academic inquiry with a PhD. Our Master's students are equipped with a strong foundation for careers in:

- Environmental protection – water quality, natural heritage planning, parks management, biodiversity conservation, wildlife management
- Conservation and management of natural resources – forestry, energy, aggregates, minerals and metals, natural resources management
- Environmental sustainability – education, monitoring, restoration, communication and public awareness, sustainable development management, policy and legislation
- Taking time to explore career options, build experience, and network can help you have a smooth transition to the world of work after graduation.