

# Environmental Applied Science and Management

MASc / PhD

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# Environmental Applied Science and Management

The MAsc and PhD programs provide a wide range of educational and research opportunities. The curriculum in each reflects the view that professional success in the field of environmental science and management requires individuals to build on their existing skills and knowledge to develop a broad-based interdisciplinary perspective. Students are supported by more than 100 faculty members and external associates from the full range of environmental disciplines including science, the social sciences, engineering, business, architecture, planning and public health.

## Recent Student Research Areas

- Assessment of Solar Energy Policy
- Automating GIS Input for Distributed Urban Drainage Modelling
- Best Practices For Mine Site Reclamation
- Communication Networks in Rooftop Urban Agriculture
- Community Stakeholders and the Sagarmatha National Park Forestry Project, Nepal
- Corporate Responsibility in the Commercial Real Estate and Construction
- Enhanced Biofuel Production Using Renewable and Sustainable Feedstock
- Environmental Management in the Film and Television Production Industry
- Ethanol Production from Cellulose Using *C. thermocellum* and *T. saccharolyticum*
- Feasibility of a Site-Specific Predictive Model for Beach Water Quality
- Green Resins From Renewable Resources
- Hydraulic Fracturing Policy
- Knowledge Management Practices for Sustainable Development
- Marine Protected Areas and the Nassau Grouper in Belize
- Multinational Agrochemical Corporations' Environmental Disclosure Practices in India
- Policy Analysis of Wind Farm Developments
- Shoreline Changes In Tuktoyaktuk and the Mackenzie Delta
- Soil Amendments to Improve Tree Growth
- Strategic Environmental Assessment and the Energy Sector

## Admissions Information

### MAsc

- Completion of an honours bachelor's degree in an environment-related discipline
- Minimum GPA or equivalent of 3.00/4.33 (B) in the last two years of study
- Two academic letters of recommendation (part-time applicants may substitute one professional recommendation)

### PhD

- Completion of a master's degree in an environment-related discipline
- Minimum grade point average (GPA) or equivalent of 3.33/4.33 (B+)
- Three academic letters of recommendation

Applicants may be required to provide certification of English language proficiency. For more information, visit [ryerson.ca/graduate/futurestudents/admissions/english-language.html](http://ryerson.ca/graduate/futurestudents/admissions/english-language.html).

## At a Glance

# 1/3

of MAsc grads work in the private sector

# 1/3

of MAsc grads work in government

# 1/5

of MAsc grads work in consulting; grads also work in NGOs, agencies, education and more

# 100%

of applicants receive a scholarship or award at full-time admission\*

# 6

main academic areas in which students completed their previous studies: Sciences, Environmental Specializations, Social Sciences, Engineering, Business/Commerce, Resources Studies

# 3:2

ratio of female to male students

# >98%

of graduates work in the environmental field



**“The EnSciMan program lets students pursue their environmental interests while also teaching how they can make a change in their field. The downtown Toronto campus provides great resources and opportunities where students will develop important connections for their future.”**

– Ferris Zahlan, MAsC student

### **Program Contact**

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