

Engineering: MASc

With strengths in some of the most globally impactful areas of study, U of G Engineering is actively educating engineers who will shape the world of tomorrow. We are proud to offer several graduate degree choices where our research is diverse and multi-disciplinary. Guelph Engineers are applying their expertise and knowledge to research and consulting projects all over the world.

What makes U of G Engineering unique is our focus on fostering a truly collaborative environment where the next generation of researchers are working to solve some of the critical questions that will shape the answers to issues facing both the local and global communities.

uoguelph.ca/engineering

PROGRAM

Building on our tradition of sustainability and design, the MASc Engineering program offers opportunities for advanced research in 8 fields of study. The MASc graduate program is research thesis based and is available in full-time as well as part-time studies. The research option provides advanced training in the engineering sciences and research methodology through a variety of applied and basic research topics and courses.

The prescribed program of study must consist of no fewer than 4 courses, and requires the successful completion and defense of a thesis based upon research of an approved topic. The program duration is 24 months.

RESEARCH FIELDS

- Biological Engineering
- Biomedical Engineering
- Computer Engineering
- Environmental Engineering
- Engineering Systems and Computing
- Mechanical Engineering
- Mechatronics Engineering
- Water Resources Engineering

ADMISSION REQUIREMENTS

- Bachelor's degree in engineering, or equivalent with a minimum 75% average in the last 2 years of full-time study (or equivalent)
- Demonstrated acceptable analytical ability by having sufficient background in mathematics, chemistry, and physics
- Applicants without a BEng must be prepared to take additional courses in topics related to the research project, without receiving graduate credit(s)



- Students whose first language is not English are required to submit an English Proficiency Test result with their application

FUNDING

The School of Engineering guarantees financial support to all full-time MASc students admitted to the program. Financial support is not provided to students pursuing their degree on a part-time basis.

Sources of Funding: Graduate Research Assistantships, Graduate Teaching Assistantships, Scholarships, Awards and Bursaries

Application Deadlines:

Winter 2026 Entry:

International – July 1, 2025
Domestic – September 1, 2025

Summer 2026 Entry:

International – November 1, 2025
Domestic – January 10, 2026

Fall 2026 Entry:

International – March 1, 2026
Domestic – May 1, 2026

ARE YOU INTERESTED IN:

- Water and the Environment
- Sustainable Energy Systems
- Food and Agriculture Engineering
- Manufacturing and Materials
- Resource and Waste Management
- Intelligent Systems and Automation

CAREER OPPORTUNITIES:

- Government
- Industry
- Consulting/Entrepreneurial
- International Organizations, NGOs
- Research and Development

CONTACT INFORMATION

Graduate Admissions Inquiries:
519-824-4120 ext 58764
soe.gradmiss@uoguelph.ca