

## Master of Engineering: Environmental Engineering



### What is a Master of Engineering Degree?

A Master of Engineering (MEng) degree is a professional coursework-based degree offered at Western University. A MEng degree can be completed in one year on a full-time basis; or in 20 months on a part-time basis for students who work full-time.

### Why Pursue a Master of Engineering Degree?

- Complete a post-graduate degree in a minimum of one year on a full-time basis
- Learn practical engineering skills
- Stand out from other engineering graduates
- Advance your career
- Obtain Canadian credentials - a crucial entry-point for international students and newcomers to Canada seeking employment opportunities in engineering

### Why Pursue an Environmental Master of Engineering Degree at Western?

Western University's Civil & Environmental Engineering program, **ranked #1 in Canada and #18 worldwide** by the Academic Ranking of World Universities ([www.shanghairanking.com](http://www.shanghairanking.com)), is renowned for its excellence, nationally and internationally, due to its outstanding academic curricula, award-winning professors, and state-of-the-art facilities.

The increased impact of our lifestyles on the environment, including the depletion of water resources, contamination of water, soil and air, and the need for enhanced wastewater treatment, make environmental engineering a very competitive and demanding field. The CEE department understands the scope and future needs in Environmental and Water Resources engineering. The Master of Engineering degree in Environmental Engineering at Western is designed to enhance your practical knowledge in advanced analysis, design procedures, and new concepts for various types of environmental engineering projects, including water resource management, climate change adaptation, treatment of wastewater, and remediation of soil and water contamination. The CEE department will help you to make sure you are aware of the challenges and demands and prepare you for the future requirements of this major field of civil engineering. Courses are taught by instructors who combine strong academic knowledge with practical industry experience.

### Admission Requirements

- Minimum 70 percent average in a four-year honors degree or equivalent from an accredited university (average based on the last two years of the degree), as determined by the Department
- Work experience is not mandatory, but is considered an asset
- Two letters of reference (preferably academic)
- For international students: English language proficiency

### Fees

\*Please see the posted [Fee Schedule](#) for up-to-date fees.

\*Please visit [https://www.registrar.uwo.ca/student\\_finances/fees\\_refunds/who\\_pays\\_canadian\\_tuition\\_fees.html](https://www.registrar.uwo.ca/student_finances/fees_refunds/who_pays_canadian_tuition_fees.html) for residency requirements.

## Course Offerings 2023-2024

	MEng Project	2023	Fall
CEE 9532	Building Sustainability	2023	Fall
CEE 9535	Advanced Methods in Hydrosience: Applications and Design	2023	Fall
CEE 9632	Advanced Stormwater Management	2023	Fall
CEE 9642	Environmental Water Chemistry	2023	Fall
	MEng Project	2024	Winter
CEE 9567	Watershed Modelling	2024	Winter
CEE 9675	Modelling and Simulation of Wastewater Processes	2024	Winter
CEE 9870	Groundwater Flow and Contaminant Transport	2024	Winter
	MEng Project	2024	Summer
CEE 9518	Building Information Modelling	2024	Summer
CEE 9523	Environmental Geotechnique	2024	Summer
CEE 9568	Environmental Assessment Process for Water Resources	2024	Summer

\*course offerings are subject to change

Please visit <https://www.eng.uwo.ca/tc/graduate/Grad-courses.html> to learn more about the Professional Courses offered through the John M. Thompson Centre for Engineering Leadership and Innovation.

Please visit <https://www.eng.uwo.ca/tc/graduate/graduate-diploma.html> to learn more about the Engineering Leadership and Innovation Graduate Diploma (GDip).

For more information, please contact:

Civil & Environmental Engineering Graduate Office  
 Spencer Engineering Building, Room 3118  
 Western University  
 London, ON  
 t. 519.661.2111 x83344  
 e. [ceeprofessionalgrad@uwo.ca](mailto:ceeprofessionalgrad@uwo.ca)