Western Engineering

Department of Civil & Environmental Engineering

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 full time basis; or in 20 months on a part-time basis for students who work full-time (with courses offered only on Fridays).

Why Pursue a Master of Engineering Degree?

- Complete a post-graduate degree in a minimum of one year on 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 #14 worldwide***, by the Academic Ranking of World Universities (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 pressure on water resources as well as challenges associated with wastewater treatment, ground water contamination and the quality of drinking water make it a very competitive and demanding field of engineering. The CEE department understands the scope and future needs in water resources engineering. The Master of Engineering degree in Environmental Engineering at Western is designed to prepare you for the future needs and enhance your practical knowledge in advanced analysis, design procedures and new concepts for various types of water resources engineering projects including the application of GIS. 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 a strong academic knowledge with practical industry experience.

Admission Requirements

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

Fees

Canadian citizens/permanent residents: ~ $14,833/year full-time, ~ $3,723/year part-time* International students: ~ $33,538/year full-time, ~ $15,899/year part-time* Fees are subject to change; please see the posted Fee Schedule for up-to-date fees.

* Minimum residence is seven terms, proof of employment required.

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Course Offerings 2019-2020

CEE	9535	ADVANCED METHODS IN HYDROSCIENCE: APPLICATIONS AND DESIGN	2019	Fall
CEE	9632	ADVANCED STORMWATER MANAGEMENT	2019	Fall
CEE	9642	AQUATIC CHEMISTRY	2019	Fall
CEE	9890	SUBSURFACE CONTAMINATION (with 4479)	2019	Fall
Other:				
CBE	*9350*	*PHYSICAL PRINCIPLES OF ENVIRONMENTAL ENGINEERING*	2019	*Fall*
CEE	9567	GIS & COMPUTER APPLICATIONS TO WATER RESOURCES MANGMENT	2020	Winter
CEE	9870	GROUNDWATER FLOW & CONTAMINANT TRANSPORT	2020	Winter
CEE	9695	SPECIAL TOPICS IN CEE: DATA ANALYSIS & MODELLING ENVIRONMENTAL SYSTEMS	2020	Winter
Other:				
CBE	*9361*	*BIOLOGICAL WASTEWATER TREATMENT*	2020	*Winter*
CEE	9634	STRATIFIED FLOWS	2020	Summer
CEE	9675	MODELLING & SIMULATION OF WASTEWATER PROCESSES	2020	Summer
CEE	9692	DRINKING WATER QUALITY & TREATMENT	2020	Summer
Professional Courses:				
ENGSCI	9010	INTELLECTUAL PROPERTY OF ENGINEERS	2019	Summer
ENGSCI	9185	RISK ASSESSMENT & MANAGEMENT IN ENGINEERING SCIENCE	2019	Summer
ENGSCI	9501	ENGINEERING BUSINESS	2019	Summer
ENGSCI	9510	ENGINEERING PLANNING & PROJECT MANAGEMENT	2019	Summer
ENGSCI	9670	ENGINEERING COMMUNICATIONS	2019	Summer

*course offerings are subject to change

For more information, please contact:

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