

MASTER OF ENGINEERING (MEng)

**WINDSOR
PROUD.**



**University
of Windsor**

Faculty of Engineering

uwindsor.ca/mengprog

WHEN YOU CHOOSE A UNIVERSITY, YOU'RE ALSO CHOOSING A HOME.

Windsor's population is approximately

217,000



Windsor was settled by the French in 1749 and first named *Petite Côte*.

Windsor is
**surrounded by
the Great Lakes**

with more than 6 quadrillion gallons of fresh water.



Located at the same latitude as



**Northern
California**

Windsor enjoys seven months of short-sleeve weather.

Our location in Windsor, Ontario — just across the river from Detroit, Michigan, is part of the busiest international border crossing in the world. We are situated in the most southern point of Canada. Windsor is surrounded by water and rich agricultural land and has long been known as a centre for manufacturing technology excellence and the international automotive industry.

Our mild climate allows you to take part in a great number of outdoor activities and social events. From jogging on our stunning waterfront or biking on one of our numerous park trails, to joining in the fun at our many summer festivals and the amazing Ford International Fireworks — you'll never be bored!

Our University is small enough to offer you direct, personal attention, and yet large enough to offer high-quality, professional educational and research opportunities.



TOURISM
**WINDSOR
ESSEX**
PELEE ISLAND

www.visitwindsorsex.com

COURSE-BASED MASTER OF ENGINEERING (MEng)

The Master of Engineering (MEng) is a course-based program designed for working professionals or recent graduates who want to increase their knowledge in multiple, advanced topics.

Graduates of the MEng program can apply to UWindsor's fast-track MASc program, which provides them with additional research-specific training and education and allows students to progress to the PhD level.

Focus your MEng degree in one of the following areas:

- Civil
- Electrical
- Environmental
- Industrial
- Materials
- Mechanical
- Mechanical (Automotive Option)

PROGRAM REQUIREMENTS

- Full-time students must complete this program in 3-5 semesters. Part time students must complete within 15 semesters.
- An MEng Degree may be awarded upon successful completion of a total of eight courses (the MEng has no research component/thesis/work with a faculty supervisor).

- Four courses must be from the student's major (five courses for Civil and Environmental students).
- An additional four required courses must be taken in the first or second semester of the program: Computational Methods and Modeling for Engineering Applications (Civil and Environmental students are not required to take this course); Engineering Technical Communications; Engineering Mathematics; and Engineering Project Management.)
- Students can gain practical Canadian career skills related to their study area through UWindsor's Co-op Program. Co-op paid work terms are optional and students must apply for admission in their first study term.

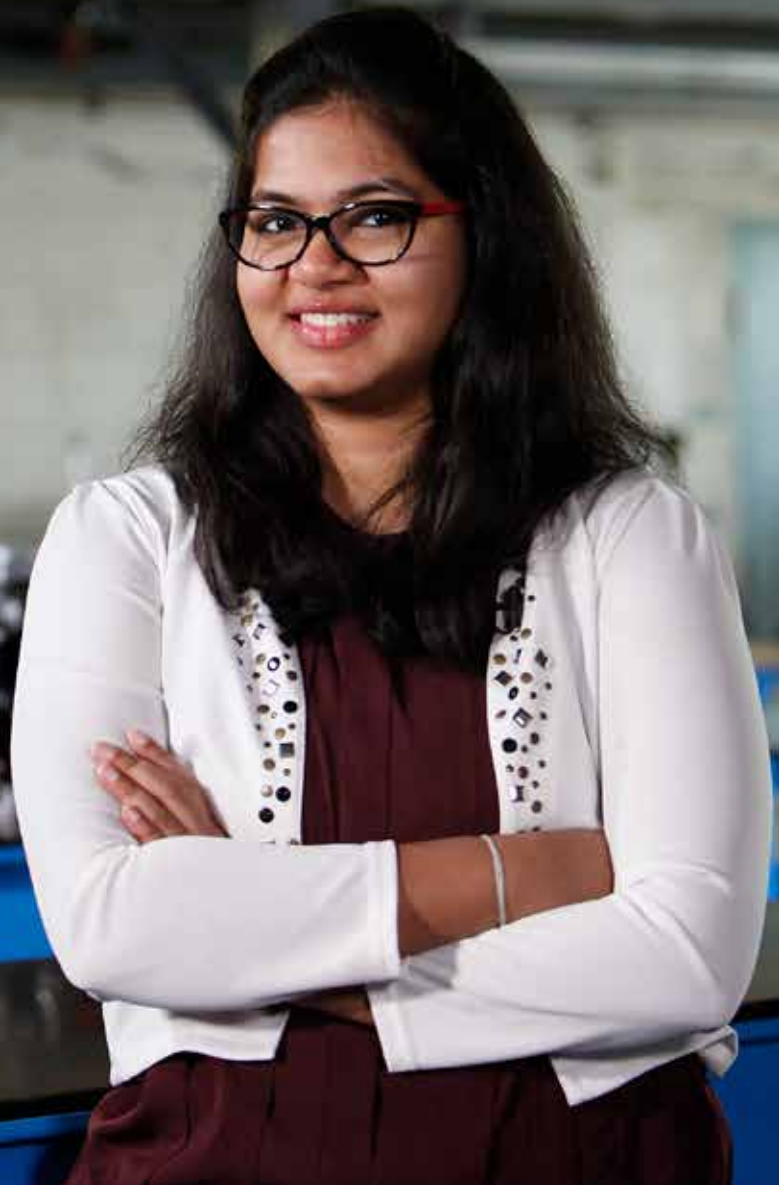
TUITION

Fees may change and should only be used as an estimate. For more information, please visit: web2.uwindsor.ca/finance/fee-estimator/

Please contact
mengprog@uwindsor.ca

“The University of Windsor has helped me reach the career I have always wanted. The MEng program has amazing professors, who are leaders in their respective area in industry. Working with the professors at this level has helped me gain practical, real-world knowledge. UWindsor’s co-op program also helped me gain Canadian work experience and learn work culture.”

Himaja Yedidi MEng '18,
Industrial Engineer, Ford Motor Company,
Member of the Golden Key International Honor Society, Co-op Student of the Year nominee



CAREER TRACKS*

Civil Engineering

- Assembly maintenance
- Civil engineer
- Concrete engineer
- Consultant
- Design engineer
- Environmental specialist
- Facility manager
- Financial director
- GIS modeler
- Industry trainer
- Logistician
- Marketing manager
- Office manager
- Operations director
- Policy analyst
- Professor
- Project manager
- Quality assurance supervisor
- Research co-ordinator
- Structural engineer
- Structural inspector
- Teacher
- Transportation engineer
- Water resources engineer

Electrical and Computer Engineering

- Automation manager
- Biomedical engineer
- Chief executive officer
- Chief technology officer
- Computer engineer
- Consultant
- Controls designer
- Design engineer
- Doctor
- Electrical engineer
- Facility manager
- Financial director
- Industry trainer
- Lawyer
- Logistician
- Marketing manager
- Network co-ordinator
- Office manager

- Operations director
- Professor
- Project manager
- Public affairs officer
- Quality assurance supervisor
- R&D director
- Research engineer
- Research co-ordinator
- Robotics technician
- Software developer
- Systems engineer
- Teacher
- Technical engineer
- Web developer

Environmental Engineering

- Biological engineer
- Consultant
- Design engineer
- EHS manager
- Energy resources manager
- Environmental engineer
- Environmental geologist
- Facility manager
- Financial director
- GIS modeler
- Industry trainer
- Logistician
- Marketing manager
- Office manager
- Operations director
- Policy analyst
- Professor
- Project manager
- Public affairs officer
- Quality assurance supervisor
- Research and development
- Research co-ordinator
- Teacher
- Water resources engineer

Industrial Engineering

- Assembly maintenance
- Consultant
- Design engineer
- Doctor
- Facility manager

- Financial director
- Industrial engineer
- Industry trainer
- Lawyer
- Logistician
- Marketing manager
- Materials manager
- Office manager
- Operations director
- Packaging specialist
- Performance specialist
- Policy analyst
- Process engineer
- Professor
- Project manager
- Public affairs officer
- Quality assurance supervisor
- Quality engineer
- Research co-ordinator
- Simulation analyst
- Strategic logistics
- Teacher
- Technical specialist

Automotive, Materials and Mechanical Engineering

- Academia
- Agricultural equipment
- Automotive
- Aerospace
- Energy generation
- Forestry
- Heavy industry equipment
- Logistics
- Manufacturing
- Marine equipment
- Medical devices
- Military/defence
- Mining
- Nuclear
- Petroleum
- Plastics
- Railway
- Steel/Metal production
- Telecommunications
- Transportation

* Additional education and/or training required for some of the above careers.

EXCEPTIONAL STUDENT SUPPORT

Career & Employment Services

Our team works directly with students to help them become career-ready and prepare for the transition from the classroom to the world of work. We support students and alumni with career planning and job search activities by offering:

- Free workshops
- Individual career advising
- Mock interviews
- Resumé, cover letter and CV writing assistance
- Assessments and interest inventories
- Employer networking events
- Annual job fair

Co-op

UWindsor offers Co-op programs in all MEng disciplines. Pursuing the co-operative education option is an excellent way to make the most of an educational experience at the University of Windsor. By combining periods of full-time study with full-time, paid work terms, UWindsor students can gain practical Canadian career skills related to their study area.

Each term, students have access to jobs with such major corporations as Fiat Chrysler Automobiles (FCA), Nokia and BlackBerry, as well as smaller, local operations. In all, we work with more than 250 organizations each year, many posting multiple opportunities each term.

To learn more Career & Employment Services and Co-operative Education, visit uwindsor.ca/cces.

Student Support

International Student Centre

- International student orientation
- Field trips
- Academic and personal advising
- Language practice

Student Success Centre

- Enhance your university experience and contribute to your academic and career success.

Volunteer International Student Assistance

- Social support for incoming students
- Creating alliances with international and local students
- Community outreach and social events

Student Counselling Centre

- Free, confidential counselling
- Consultation and referral

Multi-Faith Space

- Open 24 hours a day, 7 days a week, 365 days a year
- Safe and welcoming environment

International Student Groups

- More than 100 political, ethnic, or socially oriented groups

Campus Lifeline

- On-line support
- One-on-one assistance with professional staff

Campus Recreation

- Forge Fitness Centre
- St. Denis Centre
- Intramural Sports

EpiCentre

- Entrepreneurship
- Practice and Innovation
- Mentorship
- Your on-line portal for courses, scholarships, awards and other campus services

Health Services

- Your doctor's office, dentist and pharmacy while on campus



ELIP is available to both undergraduate and graduate students who need assistance in meeting language proficiency requirements.

PATHWAY PROGRAM

Need English Language Proficiency?

International students who do not meet the English language proficiency requirement may be accepted into their program on the condition they complete the English Language Improvement Program (ELIP) before starting their degree.

ELIP is available to both undergraduate and graduate students who need to meet language proficiency requirements for admission.

English Language Improvement Program (ELIP)

- Offered by the Centre for English Language Development (CELD), this Pathway Program + conditional admission to an academic program is a great study plan.
 - There are five (5) levels.
 - Each ELIP level is 12 weeks; intensive, full-time programs.
 - Classes are offered each semester, and all year.
 - Programs are available to graduate and undergraduate students.
 - Successful completion of ELIP 3 meets University of Windsor English proficiency requirements for undergraduate and graduate admissions.
 - Each level builds upon the previous by developing and expanding on reading and listening comprehension, as well as, oral and written communication for academic success.
 - Web-enhanced learning and innovative use of technology used in class instruction.
 - Facilities include modern classrooms with technology, computer lab, and student lounge.
 - Social activities, student support, and access to campus facilities and resources included.
- You must obtain a study permit for both academic and ELIP programs. Please visit www.cic.gc.ca for details.

Required Test Scores for Academic Admission

IELTS	6.5
CAEL	70
MELAB	80
TOEFL (IBT)	237/92



University
of Windsor

Faculty of Engineering

University of Windsor
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Windsor, Ontario, Canada N9B 3P4
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HOW TO APPLY

We process student applications on a rolling admissions timeline. This means the earlier we receive your complete application package, the earlier we can process your application, and the earlier you can hear from us.

Domestic Applicants

uwindsor.ca/graduate-studies/354/apply

International Applicants

uwindsor.ca/intl/how-to-apply-graduate

Complete The Application

Follow the links above and fill out the online application.

Submit Your Documents Online*

- Once you have completed the online application you will receive instructions on submitting your documents through our electronic application system (eGAS)
- English language proficiency score
- Portfolio (if applicable)
- Official Post-Secondary course descriptions are required to assess transfer credit

Track Your Application

For information on your application status, visit: uwindsor.ca/egas or email: gradadmit@uwindsor.ca
Professional: apply@uwindsor.ca

*Student number (ID) and Personal Access Code (PAC) will be provided to you once your application has been received.

Accept Your Offer

Accept your offer online using the instructions sent to you by email.

Apply For A Study Permit

If you are not a Canadian citizen, permanent resident, convention refugee or landed immigrant, you will need to obtain a Study Permit to study in Canada. Please visit cic.gc.ca for more details.

Register For Courses

Graduate and Professional: Please follow instructions on your letter of offer or contact your department. **It is important that you register for classes before arriving in Canada for best course selection.**

Pay Your Tuition

After selecting your courses, you must arrange to pay your fees in order to finalize your registration. Visit uwindsor.ca/cashiers for more information.

Prepare To Come To Canada

For information on our soft landing program, orientation and pre-departure information, visit uwindsor.ca/isc

** If you have not completed a standardized language test or met the required English proficiency, you may be considered for admissions upon completion of our English Language Improvement Program (ELIP). To learn more, email appliesl@uwindsor.ca*