U of T is the top-ranked school in Canada for materials science. Learn from our world-renowned researchers to earn one of the most competitive graduate degrees in the field.

As a discipline that enables all technologies, Materials Science & Engineering at the University of Toronto is at the forefront of addressing global issues that have a direct impact on our lives today. Our cutting-edge research in advanced materials provides graduates with the tools to create technological solutions for sustainability challenges such as climate change, resource depletion and energy availability.

As a world leader in new materials applications and processing, our commitment to excellence fosters innovative thinking in our students, leading to the development of brilliant minds who make a global impact.

We offer the following graduate degrees in our department:

- Master of Engineering (MEng)
- Master of Applied Science (MASc)
- Doctor of Philosophy (PhD)

FOR FURTHER INFORMATION, CONTACT:

MSE Graduate Studies Office
416-978-1374
mse.grad@utoronto.ca
www.mse.utoronto.ca
184 College Street, Room 140
Toronto, Ontario, M5S 3E4 Canada

DEPARTMENT AT A GLANCE

- U of T is ranked the top school in Canada for materials science by US News & World Report: Best Global Universities 2018 & National Taiwan University Ranking 2017
- More than 100 graduate students from across Canada and around the world
- Eleven electron microscopy and surface characterization instruments in the Ontario Centre for the Characterization of Advanced Materials (OCCAM)
- Five analytical instruments in the Walter Curlook Materials Characterization & Processing Laboratory
- A dedicated space for graduate students to prepare optical and electron microscopy samples in the new, fully-equipped Metallographic Laboratory
- 21 faculty members conducting state-of-the-art research, including Professor Naomi Matsuura’s Medical Imaging Materials Laboratory (pictured above), which specializes in designing new materials that interact specifically with imaging radiation

RESEARCH AREAS

- Advanced Electronic Materials & Systems
- Advanced Coating Technologies & Ceramics
- Biomaterials & Biotechnology
- Composites, Polymers & Hybrid Materials
- Computational Materials Engineering
- Materials Fracture & Failure
- Multiscale Mechanics & Additive Manufacturing
- Nanomaterials & Nanotechnology
- Renewable Energy Devices, Systems and Technology
- Sustainable Materials Processing & Modelling
**MASTER OF ENGINEERING**

This program provides an advanced professional education in materials engineering through coursework and an optional project. In just one year of full-time study, you can obtain a degree respected by employers that differentiates you in a crowded marketplace. Exceptional MEng students may fast-track into the MASc program; please visit our website for details.

**Certificates & Emphases:** Advanced Manufacturing; Advanced Water Technologies; Analytics; Engineering & Globalization; Entrepreneurship, Leadership, Innovation & Technology in Engineering (ELITE); Forensic Engineering; Identity, Privacy and Security; Robotics & Mechatronics; Sustainable Energy.

**Admission Requirements:** A Bachelor of Applied Science (BASc) in Engineering or Bachelor of Engineering (BEng) with a minimum B (73%+) over the final two years of an undergraduate program from an accredited institution.

**MASTER OF APPLIED SCIENCE**

The MASc program is oriented toward a career in research. All MASc students carry out a thesis which reports the findings of research conducted by the student. All successfully admitted MASc students will receive annual support of $16,000 plus tuition and fees for up to two years of study. Exceptional students can fast-track into the PhD program.

**Admission Requirements:** A Bachelor of Applied Science (BASc) in Engineering or Bachelor of Engineering (BEng) with a minimum average of B+ (78%+) over the final two years of an undergraduate program from an accredited institution.

**DOCTOR OF PHILOSOPHY**

The PhD program consists of courses and an extensive thesis, which you will complete under the supervision of a faculty member. All successfully admitted PhD students will receive annual support of $17,500 plus tuition and fees for up to four years of study.

**Admission Requirements:** Successful completion of a research master’s degree in engineering, with an overall average of at least B+ (78%+), from an accredited institution. Current MASc students within our department can apply to fast-track into the PhD program before completing the MASc degree requirements.

**English Proficiency Requirements:** There is a minimum English proficiency requirement for all applicants educated outside Canada whose primary language is not English. It is a requirement of admission and should be met before applying for admission. Please visit www.uoft.me/englishfacility to determine whether you are required to take a test and for a list of accepted tests and their minimum required scores.

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All tuition amounts include incidental fees.