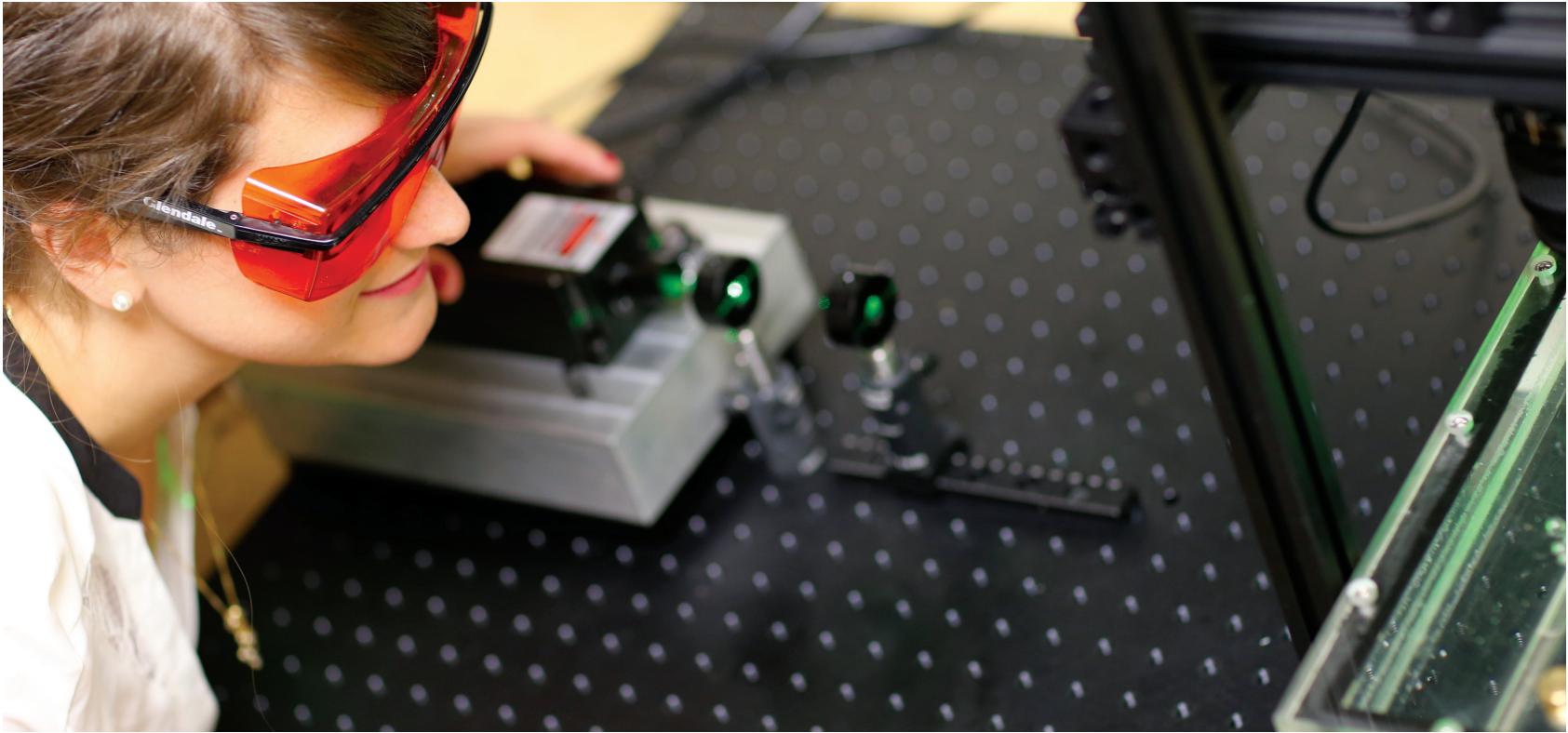


MECHANICAL ENGINEERING



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

Graduate studies in Mechanical Engineering at Dalhousie University are designed to help students develop an understanding of the fundamental principles of Mechanical Engineering through lecture, tutorial, and laboratory activities. Modern, well-instrumented laboratories in thermofluids, energy conversion, stress analysis, vibrations, and control systems provide experience in measurements and applications to ensure a thorough understanding and appreciation of the subject matter.



Why study Mechanical Engineering at Dalhousie?

The department consists of 15 fulltime faculty members, 60 postgraduate students, and 150 undergraduate students. Several research centers are affiliated with the Department.

RESEARCH STRENGTHS

- Fluid Mechanics
- Solid mechanics
- Combustion & environment
- Energy and heat transfer
- Energy modeling
- Mechanical design
- Micro-machines/MEMS
- Manufacturing
- Grinding
- Advanced control systems and robotics
- Finite element modeling of advanced materials for manufacturing processes

POTENTIAL CAREERS

- Manufacturing
- Technology
- Biotechnology
- Nanotechnology
- Aeronautics
- Acoustics Engineer
- Automotive Engineer
- Control Engineer
- Mechanical Design Engineer
- Energy Conservation Engineer
- Power Generation Engineer
- Fluid Mechanics Engineer
- Nuclear Engineer
- Robotics Engineer

ADMISSION REQUIREMENTS

Candidates must satisfy the general requirements for admission to the Faculty of Graduate Studies.

APPLICATION DEADLINE

Same as the general application deadlines outlined by the Faculty of Graduate Studies (applications are accepted for September, January, and May admission).

CONTACT INFORMATION

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FACULTY OF GRAD STUDIES

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