“A PhD is important because you’re able to fine tune the skills that you’ve learned in your Masters so that you can become more of a specialist in your field and create something new.”

Joanne Hui
PhD Candidate, Electrical Engineering
Joanne Hui’s work in wind turbine efficiency will ensure a greener future.
Why Grad Studies?

Why MEng?
- These one year coursework and internship oriented programs enable students to upgrade their technical and professional skills in order to give them a competitive edge in today’s job market.

Why MASc?
- These two year research oriented programs provide students with an opportunity to work under the mentorship of a leading engineering researcher to further develop their problem solving and critical thinking skills that are highly sought after in today’s economy.

Why PhD?
- The best way to pursue your research passion and be able to make a substantial contribution to engineering knowledge and practice while earning the highest degree sought after by leading practitioners, researchers, and educators.

Why Queen’s?
- Queen’s is one of Canada’s leading research-intensive universities, a place many of Canada’s most outstanding researchers call home.
- A centre for innovation and academic excellence, Kingston was ranked amongst the Top 7 Intelligent Communities of the Year (2014).

Graduate Programs
The Faculty of Engineering and Applied Science currently has more than 500 highly motivated graduate students of exceptional ability from around the world. Details on our facilities, our people, and our programs can be found at engineering.queensu.ca/whygradstudies.

Chemical Engineering
- Biomaterials, Bioremediation, Green Chemistry, Process Analytics, Optimization & Control, Macromolecular Science & Technology, Electrochemical Power Sources, Microfluidics & Biosensors

Civil Engineering
- Environmental, Geotechnical, Hydrotechnical and Structural Engineering for our natural and built environments

Electrical & Computer Engineering
- Communications, Computer and Software Engineering, Microelectronics, Electromagnetics and Photonics, Power Electronics, Biomedical and Intelligent Systems

Engineering Physics
- Applied Magnetics, Electronic Device Physics, Material, Physics, Photonics, Ultrasonic Imaging

Geological Engineering
- Applied Geophysics, Groundwater Remediation, Mineral Exploration, Underground and Slope Engineering

Mathematics & Engineering
- Applied Mathematics, Communication Theory, Control Theory, Signal Processing

Mechanical Engineering

Mining Engineering

Professional Programs
- ADMI MEng in Design and Manufacturing
- MEng with Industrial Internship
- UNENE MEng in Nuclear Engineering

Collaborative Programs
- Applied Sustainability
- Biomedical Engineering
- GeoEngineering

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