

## Engineering: PhD

With strengths in some of the most globally impactful areas of study, U of G Engineering is actively educating engineers who will shape the world of tomorrow. We are proud to offer several graduate degree choices where our research is diverse and multi-disciplinary. Guelph Engineers are applying their expertise and knowledge to research and consulting projects all over the world.

What makes U of G Engineering unique is our focus on fostering a truly collaborative environment where the next generation of researchers are working to solve some of the critical questions that will shape the answers to issues facing both the local and global communities.

[uoguelph.ca/engineering](http://uoguelph.ca/engineering)

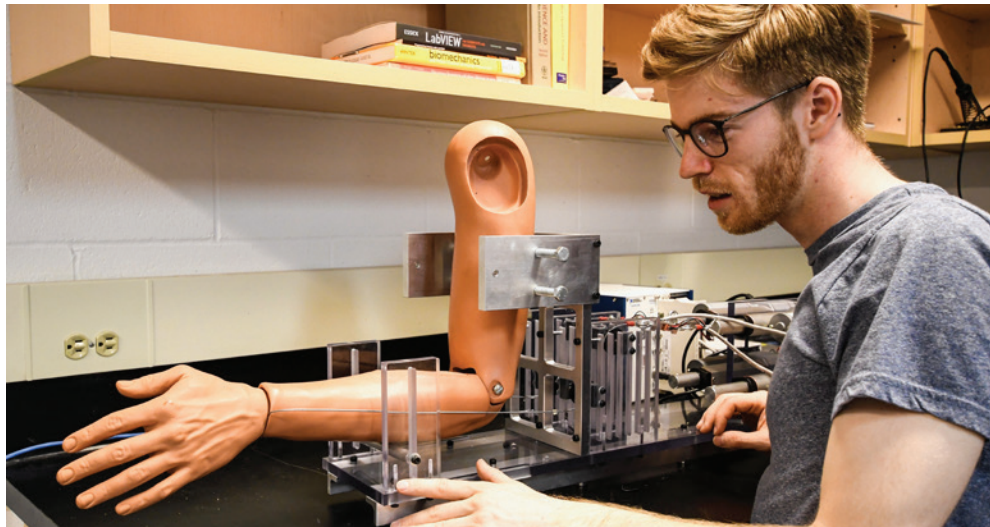
### Program

The PhD Engineering program prepares candidates for a career in engineering teaching, research, or consulting. Building on our tradition of sustainability and design, U of G Engineering fosters a unique, collaborative and interdisciplinary environment in which to conduct research in 6 fields of study. The PhD program is available in full-time as well as part-time study and provides the opportunity to obtain advanced training in the engineering sciences and research methodology through a variety of applied and basic research topics and courses.

The prescribed program of study must consist of no fewer than 4 courses in addition to those taken as part of the MAsc Degree. The PhD program also requires the successful completion of a qualifying exam and the completion and defense of a thesis on research of an approved topic. The program duration is approximately 9-12 semesters (with 3 semesters per year).

### Research Fields

- Biological Engineering
- Biomedical Engineering
- Computer Engineering
- Environmental Engineering
- Engineering Systems and Computing
- Mechanical Engineering
- Water Resources Engineering



*This photo shows the operation of a wrist joint motion simulator for carpal tunnel research by Drew Anderson (PhD, Engineering) under the supervision of Dr. Karen Gordon and Dr. Michele Oliver.*

### Admission Requirements

- A recognized master's degree in engineering, with at least a high second-class standing

### Application Deadlines:

F: May 1, International March 1  
 W: August 1, International July 1  
 S: January 10, International Nov 1

### Funding

The School of Engineering guarantees financial support to all full-time PhD students admitted to the program. Financial support is not provided to students pursuing their degree on a part-time basis.

Sources of Funding: Graduate Research Assistantships, Graduate Teaching Assistantships, Scholarships, Awards and Bursaries

### ARE YOU INTERESTED IN:

- Water and the Environment
- Sustainable Energy Systems
- Food and Agriculture Engineering
- Manufacturing and Materials
- Resource and Waste Management
- Intelligent Systems and Automation

### CAREER OPPORTUNITIES:

- Government
- Academia
- Industry/Consulting/Entrepreneurial
- International Organizations, NGOs
- Research and Development

### CONTACT INFORMATION

**Graduate Admissions Inquiries:**  
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