

CHEMICAL ENGINEERING

Graduate Studies at Queen's University

STUDY AMONGST A DYNAMIC GROUP OF AWARD-WINNING RESEARCHERS
STRONGLY COMMITTED TO RESEARCH, GRADUATE SUPERVISION AND TEACHING.

We offer research based MASC and PhD programs with minimum funding levels of \$25,000/year. We also offer a one year course-based MEng program.

AREAS OF RESEARCH

Bioengineering:

- Biomaterials, controlled release, tissue engineering
- Systems biology
- Environmental remediation
- Conversion of renewable/waste materials into commodity products

Clean Energy and Sustainable Environment:

- Hydrogen Energy Storage
- Green chemistry products and process development
- CO2 conversion
- Bio-based polymer production

Data Analytics, Optimization and Control:

- Control Engineering
- Implementation of machine learning, reinforcement learning and optimization methods
- Chemical process modeling

Materials and Interfaces:

- Polymer science and technology
- Bio/Chemical sensor development
- Miniaturized energy storage

Located in beautiful
downtown Kingston
on Lake Ontario



For additional information on financial support and how to apply,
visit our website:

<http://www.chemeng.queensu.ca/graduate-studies/index.html>