

Faculty of **ENGINEERING AND APPLIED SCIENCE**

Program Information

- Five Year Degree (with Co-op or Internship)
- Optional Co-operative Education and Internship Programs
- Lab components offered with several courses for hands on learning

Programs offered in:

- Electronics Systems Engineering
- Environmental Systems Engineering
- Industrial Systems Engineering
- Petroleum Systems Engineering
- Software Systems Engineering

For more details, visit:

<http://www.uregina.ca/engineering/programs/index.html>

Proficiencies & Knowledge

Communication skills
Leadership skills
Individual and team work
Critical thinking
Investigation
Use of Engineering tools
Ethics and equity
Economics and Project Management
Impact of Engineering on Society and the Environment
Problem Analysis
Judgment and decision making
Technical writing skills
Design
Professionalism

Career Options

Electronics

Avionics
Computer Design
Hardware Systems Engineer
Power Electronics
Quality Assurance
Radio & Television
Telecommunications

Environmental

Air Quality Engineer
Engineering Project Manager
Environmental Consultant
Infrastructure Systems Engineer
Geotechnical Engineer
Waste Management Engineer
Water Resources Manager

Industrial

Design Engineer
Ergonomics Engineer
Facilities & Equipment Engineer
Industrial Engineer
Production Engineer
Process Engineer
Quality Control Engineer

Petroleum

Exploration Engineer
Exploitation Engineer
Reservoir Engineer
Production Engineer
Operations Engineer
Pipeline Engineer
Completions Engineer

Software

Design Engineer
Integrated Engineer
Multimedia Engineer
Software Developer
Software Project Manager
Software Quality Engineer
Software Systems Engineer