Bruce Power Women in Nuclear Engineering
Internship Program

Nuclear engineering is more than nuclear power plants. It's also about space, radiation, security, energy policy, software-based design analysis and advances, as well as plans for radioactive waste.

Nuclear power is about the world's use of energy, mitigating the impact of climate change, energy security and sustainability. It provides 50 to 60 per cent of Ontario's electricity needs yet emits no CO2. This mitigates climate change.

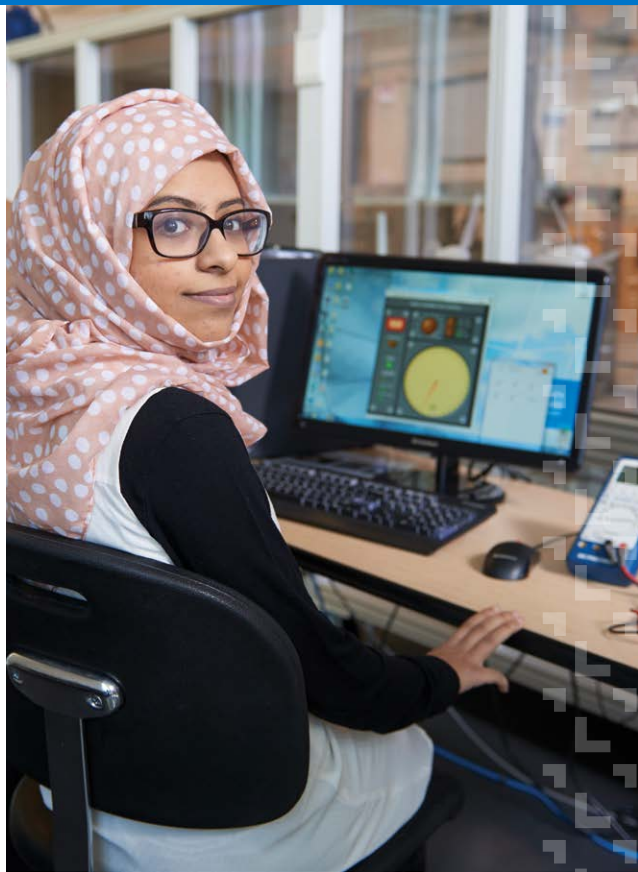
Future nuclear reactors—including small and micro modular reactors—are being designed on an on-going basis.

Radioactive materials and radioisotopes are essential to many industries and facilities, including hospitals for cancer treatment and diagnostics.

There's always a need for engineers with management skills. We offer an innovative management program that you can apply for during your third year.

Gain additional real-world experience in our experiential learning labs.

This program is accredited by the Canadian Engineering Accreditation Board.



What will I study?

- Engineering Graphics and Design
- Nuclear Fuel Cycles
- Nuclear Physics
- Nuclear Plant Design and Simulation
- Nuclear Safety
- Radioactive Waste Management Design
- Radiation Protection
- Reactor Control
- Thermodynamic Cycles

What can I do with my degree?

- Nuclear Engineer or Scientist
- Control and Instrumentation Engineer
- Energy Engineer
- Fuel design and manufacturing
- International nuclear and energy technology management
- Nuclear Commissioning, Regulation and Standards Specialist
- Nuclear Energy Plant Design and Operation Consultant
- Nuclear Policy, Advocacy, Influencer
- Project management
- Waste management

Internship component

- Four-month paid summer internship opportunity for Nuclear Engineering students that identify as female at Bruce Power in Kincardine for three consecutive summers.
- Potential full-year paid internship between Year 3 and 4.
- Participation in the program is dependent on meeting minimum academic requirements as communicated by the Faculty of Energy Systems and Nuclear Science, and an interview with Bruce Power during your second semester of study.

Want more information?

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