

UNENE • REUGN

University Network of Excellence in Nuclear Engineering
Réseau d'Excellence Universitaire en Génie Nucléaire

What the UNENE Universities offer...

A Master's of Engineering Degree from one of the five member universities (McMaster University, Queen's University, University of Waterloo, University of Western Ontario, and University of Ontario Institute of Technology).

Courses are tailored to individuals already working in the nuclear industry, and are delivered on weekends in Whitby, so as not to conflict with core working hours.

For the degree 10 courses, or 8 courses and an industrial research project, must be successfully completed over a period of 5 years.

A student can take just one or a few courses rather than the full program.

Students must be registered as graduate students in one of the participating universities.

The courses are also offered using Distance Education tools for sites remote from the GTA.

The courses include, among others:

- Nuclear Plant Systems and Operations
- Reactor Physics
- Heat Transport System Design
- Nuclear Reactor Safety Design
- Nuclear Materials
- Control, Instrumentation and Electrical Systems in CANDU Power Plants
- Engineering Risk and Reliability
- Fuel Engineering
- Fuel Management
- Operational Health Physics
- Reactor Chemistry and Corrosion

Courses in management areas are also available in cooperation with Advanced Design and Manufacturing Institute.

Who we are...

The University Network of Excellence in Nuclear Engineering (UNENE) is an alliance of universities, nuclear power utilities, research and regulatory agencies for the support & development of nuclear education, research and development capability in Canadian universities.

The purpose of UNENE is to assure a sustainable supply of qualified nuclear engineers and scientists to meet the current and future needs of the Canadian nuclear industry.

For more information, please visit our website:

www.unene.ca



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