

Energy and Innovation

Professional Master's Diploma

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Energy and Innovation

Developed by the Centre for Urban Energy at Ryerson University, the Professional Master's Diploma (PMDip) in Energy and Innovation provides meaningful, diverse and lucrative career options in the exciting and ever-evolving Canadian energy sector. This PMDip addresses growing demand in the public and private sectors for qualified individuals to assume a variety of operational positions, including energy analysts, policy advisers, technicians and managers.

Courses

The program consists of four core courses and a final diploma project:

- **Smart Grids: Electricity, Petroleum and Infrastructure** – introduces the concept and promise of smart grids.
- **Demand Management and Conservation** – describes various methods for peak-demand reduction and conserving energy.
- **Energy Storage and Use** – surveys new and promising technologies for energy storage.
- **Electricity Markets** – explores various forms of electric energy and its economic characteristics.
- **Final Diploma Project** – focuses on comprehension of new technologies and energy innovation in the context of economics, enabling graduates to make informed decisions in their workplaces.

Resources

- Students have access to the Centre for Urban Energy's state-of-the-art Schneider Electric Smart Grid Laboratory, Canada's first university-based smart grid lab.
- Course instructors include experienced professionals from electric utilities and the Canadian energy sector.

Admissions Information

PMDip

- Completion of a four-year accredited bachelor's program in applied science, engineering or related discipline
- Minimum grade point average (GPA) or equivalent of 3.00/4.33 (B) in the last two years of undergraduate study; or consideration for admission based on equivalent professional qualifications
- Resumé/CV

Applicants may be required to provide certification of English language proficiency. For more information, visit ryerson.ca/graduate/futurestudents/admissions/english-language.html.



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Centre for Urban Energy

Faculty of Engineering
& Architectural Science