

PETROLEUM ENGINEERING

The Faculty of Engineering at Dalhousie University offers challenging new education and research programs focused on Atlantic Canada's oil and gas industry. These programs are supported by expertise, experience and resources from all of the Faculty's departments. They reflect a broad vision of "oil and gas engineering" as an integrated endeavor based upon concepts, principles and techniques from all professional engineering disciplines.

PROGRAMS OF STUDY

The Master of Engineering (MEng) in Petroleum Engineering is a one-year professional degree program designed for graduates with an undergraduate degree in a professional engineering discipline. The program builds upon the foundation of capabilities developed in undergraduate engineering, and it focuses on the fundamental knowledge and skills associated with the field of petroleum engineering.

The MEng curriculum is based upon an integrated set of core courses relating to reservoir engineering, petroleum geoscience, drilling engineering and production technology. There are also elective courses which enable the student to acquire specialised expertise in a particular aspect of the oil and gas industry. A professional project (occupying the four-month summer term) provides broad scope for applying petroleum engineering knowledge and skills to a practical industry situation.

The Master of Engineering (MEng) degree offers opportunities for engineering graduates to obtain an introduction to petroleum engineering along with acquiring research and expertise through involvement in a research project. Each student's program of studies is designed to suit his or her background, interests and research project area. It includes petroleum engineering core courses, approved electives, and a project.

Students completing the MEng degree or equivalent in the subject area of petroleum engineering may proceed with advanced study and research leading to the Master of Applied Science (MASc) degree or the Doctor of Philosophy (PhD) degree.

FINANCIAL AID

The course-based MEng degree is self-funded. However, a wide variety of financial assistance is available to students wishing to pursue research in petroleum engineering. See the Graduate Calendar for general information about Dalhousie University Scholarships. Research students should contact potential supervisors in individual departments. Support is also available from external sources such as the Natural Sciences and Engineering Research Council.

INQUIRIES

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