This unique transfer program allows you to combine an energy-related engineering technology diploma from an approved polytechnic institute with an engineering degree from our Schulich School of Engineering. The Energy Engineering program is specifically designed to meet the needs of the energy sector, with a blend of courses in chemical and petroleum engineering, mechanical engineering, and energy and environment. Graduating with a BSc (Eng) in energy engineering will advance your career in an exciting field that is finding new, efficient and sustainable ways to supply the world with energy.

After I graduated with a petroleum engineering technology diploma, I successfully worked in industry for a number of years. I want to expand my options. This two-year educational investment through the energy engineering program will improve the next 20 years of my career.

Mared J., Energy Engineering Student

Energy Engineering is accredited by the Canadian Engineering Accreditation Board and graduates are academically eligible to become licensed professional engineers.

**Did You Know?**

Jordan L.
BSc (Eng) ’17

Jordan was particularly interested in sustainability during both his technical diploma and his energy engineering degree. He landed a “dream job” after graduation, working for a local company focused on sustainable manufacturing and using technology throughout its processes to achieve this goal.

**View Program Requirements**

1. Visit ucalgary.ca/future-students/undergraduate/explore-programs
2. Select or search “Energy Engineering”
3. Click on the link to the Schulich School of Engineering
4. Select “What are the admissions requirements”

**Sample First-Year Courses**

- Engineering Design and Energy Policy (ENER 300)
- Introduction to Reservoir Engineering (ENPE 523)
- Energy Engineering Fluid Mechanics (ENER 480)
- Heat Transfer (ENME 471)
- Mechanics of Materials for Energy Engineering (ENER 360)
- Engineering Design and Innovation (ENER 200)
- Thermodynamics (ENER 560)

- Dynamics (ENER 240)
- Behaviour of Liquids, Gases and Solids (ENGG 201)
- General Chemistry for Engineers (CHEM 209)