



SCHULICH SCHOOL OF ENGINEERING

Masters of Engineering (MEng): Paid Internship Program

February 7, 2024

The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta (Districts 5 and 6).



1. Welcome from Dr. Jeffrey Priest
2. Overview of MEng Program
3. Why Schulich School of Engineering
4. Unique-to-Schulich Internship Program
5. Q&A Session

Dr. Jeffrey Priest

- Associate Dean, Graduate Studies & MEng
- Professor (Geotechnical)
- Dept. of Civil Engineering
- Emigrated to Canada in 2013
- Originally from the UK
- On the weekends when not working, you can find me in the mountains – walking and hiking, XC and Downhill Skiing



7th

MOST LIVABLE CITY IN
THE WORLD

1.4

MILLION

333

AVERAGE SUNNY





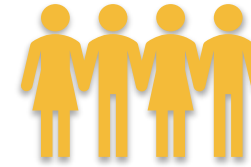
Founded in
1966
*with origins in
the early 1900s*



5 campuses
*Main Campus,
Downtown Campus,
Foothills,
Spyhill
Qatar*



14 faculties
with 250+
programs



33,000+
students:
*26,000+
undergraduate
and
6000+ graduate
students*



UCalgary
ranks among
the world's
top 200
universities

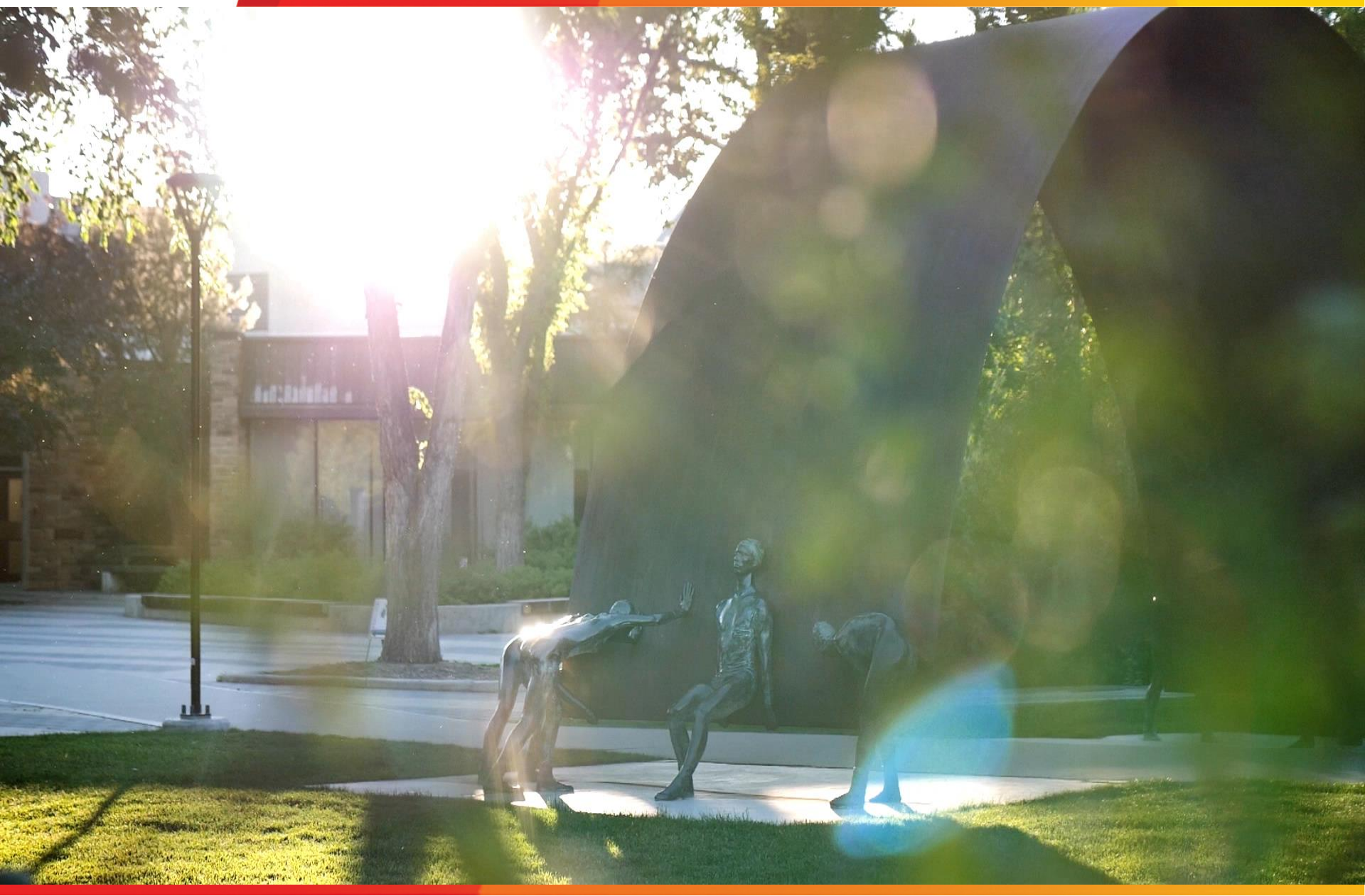


One of the
**Largest
Employers**
in Calgary



universities worldwide

(Academic Ranking of World
Universities [Shanghai Ranking
Consultancy], Center for World
University Rankings, 2019)



Overview of MEng program

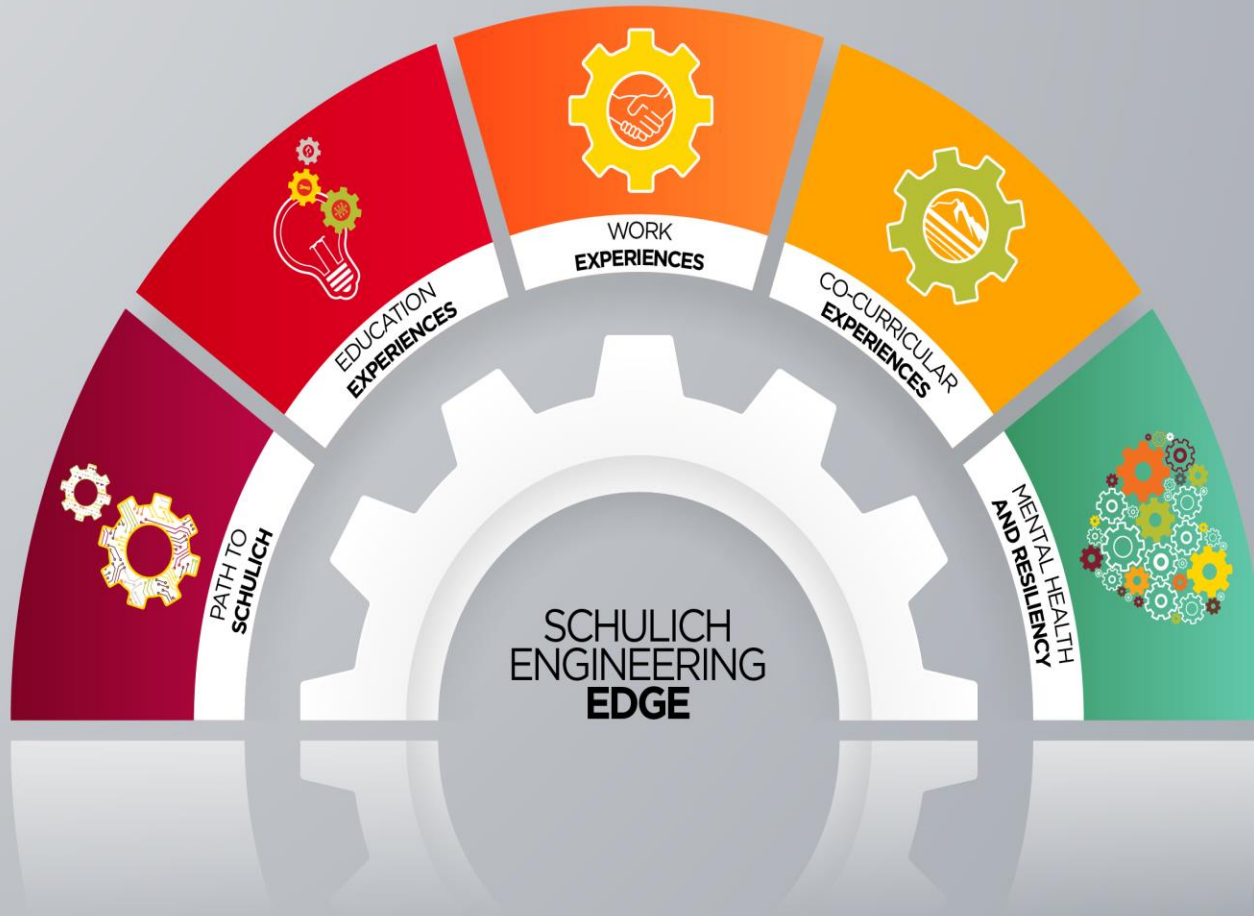


- UCalgary offers the MEng program in 6 engineering disciplines.
- This program will help you to stand out in a competitive job market and will take your career to exciting new heights.
- Without an internship, the normal duration of the MEng program is two years.
- This course-based program, entails completion of 10 courses.
- Scheduled classes will be during Fall and Winter terms, with scheduled break during Spring/Summer terms.

Overview of MEng program



- Biomedical Engineering
- Chemical and Petroleum Engineering
 - Chemical Engineering
 - Petroleum Engineering
 - Energy and Environment
- Civil Engineering
 - Project Management
- Electrical and Computer Engineering
 - Energy and Environment
 - Software Engineering
- Environmental Engineering
- Geomatics Engineering
- Mechanical Engineering
 - Energy and Environment
 - Pipeline Engineering



MEng Internship 101

May 2025 – Aug 2026
Internship Cycle



*Community building through the eyes of an engineer– Fadi Istaya,
Department of National Defense*

What is the ECC MEng Internship?



Clara Lee - Imperial Oil – Calgary, AB

- Dedicated MEng Program
- Initial acceptance of 150, starting Sept 2024
- Mandatory Career Preparation Program before work placement
- 8 – 16 consecutive months
- Integrated with specific academic courses
- One performance evaluation (WILO's) per work term semester

- Ensure your work readiness
- Open to all MEng students
- Mandatory courses for Internship:
 - Leveraging your Professional Strengths
 - Strategic Networking
 - Job Materials-Resume, Cover letter
 - Conflict Resolution
 - Interview Preparation and Practice
 - Negotiations
 - Understanding Workplace Culture and Professionalism

Why Choose an MEng Internship?

- Test drive your career and employer choices
- Apply your academic learning in a professional work environment
- Develop your professional network of industry contacts
- Reflection on career options
- Students are awarded *with internship* designation on their parchment
- Prepare you for a professional engineering career within Canada



■ Yashpreet Singh, Undergraduate Intern

- International student in my final undergraduate year, Electrical Engineering
- Placement @ Suncor Energy Inc. as an Electrical Engineering Intern.
 - 12-month work term (January 2023 – January 2024).
 - Worked with the In Situ and Exploration & Production Team
 - Focused on optimizing surface and subsurface projects through expert modelling and applied analytics.
- Experience
 - Engaged in impactful and meaningful work, acquiring valuable problem-solving skills and industry knowledge
 - Opportunity to visit sites and learn from industry professionals firsthand.
 - Visualized the impacts made through project contributions.
- Value
 - Bridged the gap between academia and industry, gaining practical experience.
 - Provided clarity on career paths and enhanced understanding of the energy sector.
- Learnings
 - Explored boundaries and transitioned into the industry, applying technical knowledge from university

- **GPA > 3.0, good academic standing**
- **Expectation of completing “15” credits by April 2025**
- **Return after internship for a minimum of 6 units to 15 units of coursework, depending upon your option**
 - You may not graduate directly after you complete your internship

- March 1, 2024 – Application deadline
- September 2024 – Start academic courses
- September 2024 – Sign up in Elevate, access to job board
- Fall 2024 – Winter 2025 – Apply for postings
- Fall 2024 – Winter 2025 – Career Elevation workshops
- May 1, 2025 – August 30, 2026 – Placements

What is the cost to join internship?

- Students are required to pay internship course tuition and general fees as prescribed in the UCalgary Calendar
- You are required to take a minimum of two academic courses (one per 4-month term):
 - INTE 630.01
 - INTE 630.02
 - INTE 630.03
 - INTE 630.04
- For those doing a 12 or 16-month internship, the third and fourth INTE course have no academic modules and no tuition, but you will be responsible for general fees.



Amanda Lee – Les Fermes Cavendish



*Preparing Land for Seismic Data Acquisition –
Amanda Calleberg*

Access SSE supports throughout your job search to put your best self forward!

Wrap around supports:

- Academic & Career Advising/ Exploration
- Wellness room and program
- Career Elevation workshop program (mandatory for Internship)
- Career Fairs and Employer Events
- Check-ins and support while on internship
- And more!



SCHULICH SCHOOL OF ENGINEERING

Admissions

Presented by: Dana Miller

- Applications are **now open!**
- Application deadline: **March 1, 2024**
- You can expect to wait a few weeks for a decision
- Apply early!

- Already applied?
 - We are evaluating your application
 - Internship consideration will be communicated in April for those who have accepted their admission offer and paid their deposit for the regular MEng program
 - Emphasis on study permit applications, work permit applications can be submitted later

- Unofficial transcripts and degree certificates
 - For all institutions attended
- GPA calculation worksheet
 - Instructions and worksheet are provided as part of the application – Program Questions section
- English Language Proficiency test results (if applicable)
 - WHED website: exempt from needing an ELP test if English is listed as the only language of instruction
 - TOEFL, IELTS, Duolingo, PTE accepted – contact meng@ucalgary.ca for minimum required scores and alternative tests
- PR Card (if applicable)
 - Email PDF copy, front and back, to meng@ucalgary.ca
- Official transcripts and References – NOT required

Questions?

Engineering Student Centre

Email: meng@ucalgary.ca