

Bold choices 敢于选择

Bright future 创造未来



UNIVERSITY OF
CALGARY



Calgary 卡尔加里
#1 most livable city
in North America
and #5 in the world!

Great place to live

宜居圣地

1 hour to the Rocky Mountains

4th largest city in Canada

One of Canada's
safest major cities

120+ languages spoken

Canada's sunniest city
(333 days a year)



Fastest growing major city in Canada

Highest head office concentration per capita in Canada

Highest concentration of high-tech workers of any Canadian city

Calgary is going places

卡尔加里是加拿大发展最快的城市



High quality education

高水准教育

Internationally recognized degree

Lower tuition fees and living costs
than US, UK and Australia

Access advanced facilities and
learning technologies

Strong Canadian economy helps
graduates transition into careers





Career success

职业成就

Highest concentration of engineers in Canada

加拿大工程师密度最高的城市

Fastest growing tech talent market in Canada

加拿大增速最快的人才市场

Global energy centre

全球能源中心

Highly educated and skilled workforce

高学历和熟练的劳动力



University of Calgary

卡尔加里大学

**One of the top 200
universities worldwide**

**#6 top research
university in Canada**

169 Research Chairs

**360 new inventions and
innovations since 2017**

University of Calgary

卡尔加里大学

32,000 students

526 park-like acres of campus

Competitive financial conditions

Gain international work
experience from
8 months to 3 years



卡尔加里大学的研究工作

University of Calgary Research

STRATEGIC RESEARCH THEMES						
	Energy Innovations for Today and Tomorrow	New Earth-Space Technologies	Infections, Inflammation and Chronic Diseases	Human Dynamics in a Changing World	Engineering Solutions for Health	Brain and Mental Health

\$487.8 M in sponsored research revenue in 2018-19

合作院校

We have academic relationships with:

- Tianjin University 天津大学
- Shanghai Jiaotong University 上海交通大学
- Shanghai University 上海大学
- Beijing Institute of Technology 北京理工大学
- China University of Petroleum 中国石油大学
- China University of Petroleum East China 中国石油大学华东
- Harbin Institute of Technology 哈尔滨工业大学
- Huazhong University of Science and Technology 华中科技大学
- Shantou University 汕头大学
- Southwest Petroleum University 西南石油大学
- Wuhan University of Technology 武汉理工大学
- Xi'an Jiaotong University 西安交通大学

Global Research Initiative in Sustainable Low Carbon Unconventional Resources

全球可持续低碳非常规资源项目

In partnership with Kerui Group, the University of Calgary operates a Beijing Research Site for research related to unconventional hydrocarbon resources.

It leverages our world-class expertise to research areas like shale and tight gas and oil, coal-bed methane, heavy oil, oil-sands bitumen and gas hydrates.

Schulich School of Engineering 舒立克工程学院

3,500 undergraduate students

\$30 million research funding

1400 graduate students

Strong ties to industry

170 faculty



Catalyst for a Connected World

互联世界的“催化剂”

4-year strategic plan focused on

- Enhancing global research impact
- Expanding access to engineering
- Enriching student experience



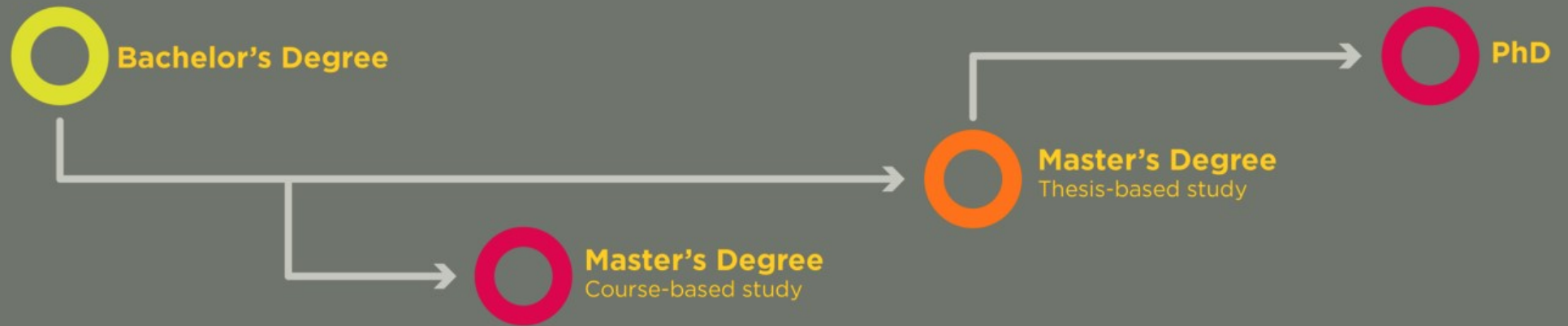
Schulich School of Engineering

舒立克工程学院

Graduate programs in:

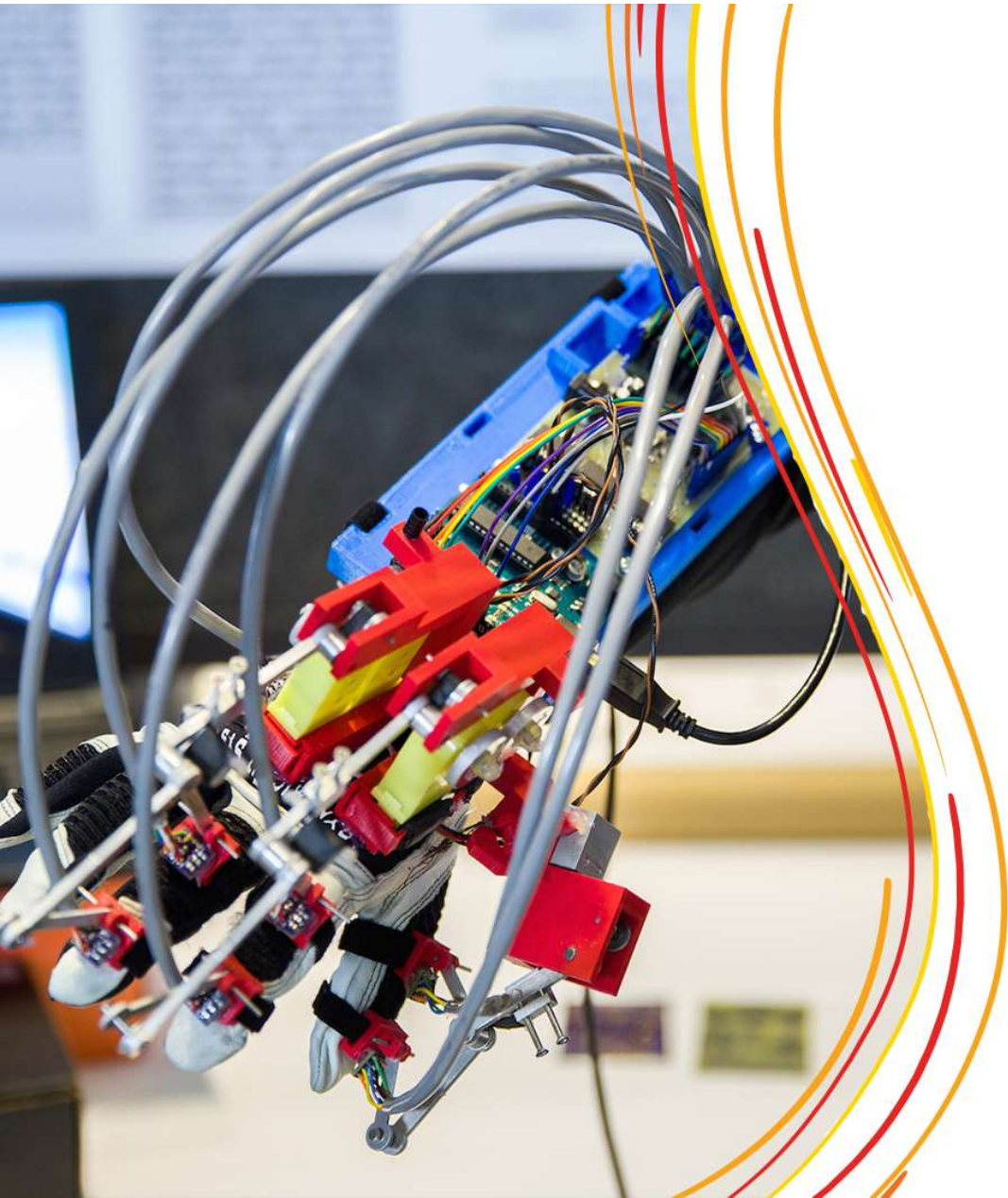
- Biomedical
- Chemical and Petroleum
- Civil
- Electrical and Computer
- Environmental
- Geomatics
- Mechanical and Manufacturing





Selecting your graduate program 可选择的研究生项目

- Research-based options
- Course-based options
- 1, 2 or 4-year programs



Master of Engineering (MEng)

工程研究生 (Course-based)

- **Full-time**
- **Usually course-based**
- **Program duration 1 to 2 years**
- **No financial support**
- **Graduates work in industry**

Master of Science in Engineering (MSc)

工程硕士

- Research-based / requires a graduate supervisor and thesis
- 3 to 7 courses depending on program and specialization
- 2 years full-time, 4 years maximum
- Can be a pre-requisite for a PhD





Doctor of Philosophy (PhD)

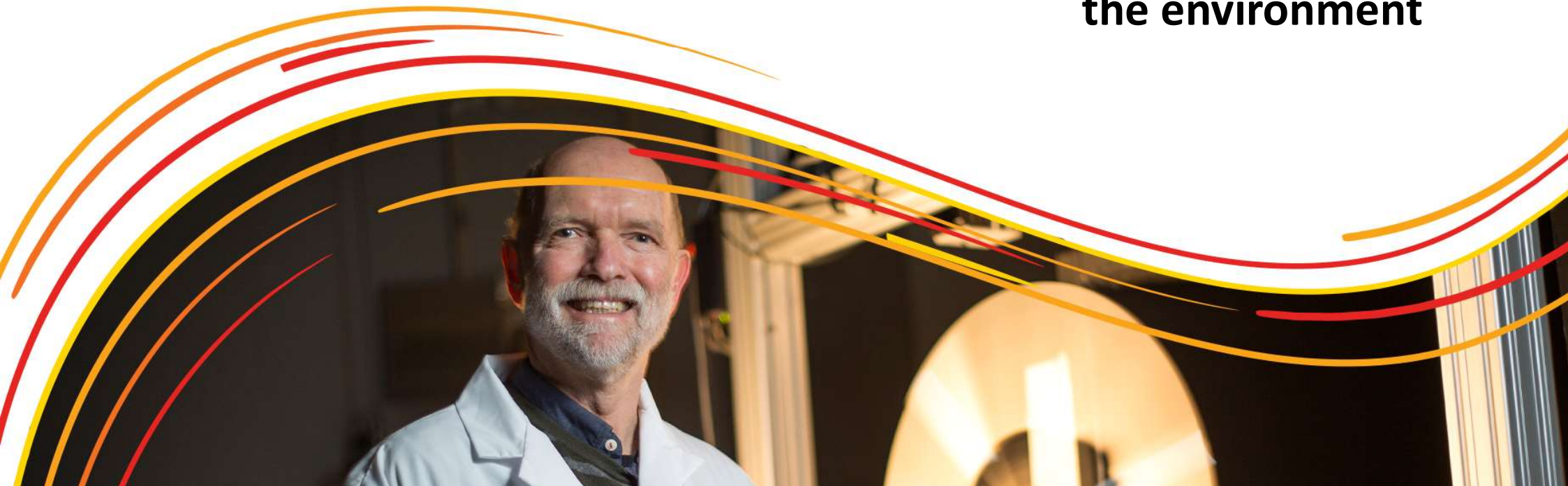
博士学位

- **Research-based / requires a graduate supervisor**
- **Full-time with candidacy exam**
- **4 years with MSc, 5 without**
- **All PhD students are financially supported for 4 years unless they have another scholarship**

Major research themes in UCalgary engineering

卡尔加里大学工程专业的主要研究方向

- **Intelligent and autonomous systems**
- **Biosystems and biomedical engineering**
- **Energy Engineering**
- **Engineering for the environment**



Biomedical Engineering

生物工程

Research areas include:

- human mobility
- advanced biomedical imaging
- regenerative medicine
- health monitoring and management
- precision biodiagnostics
- novel medical technologies





Chemical and Petroleum Engineering

化学和石油工程

Research areas include:

- hydrocarbon recovery/processing
- nanomaterials processing
- energy storage/conversion
- environmental stewardship
- bioengineering
- process development

Civil Engineering

土木工程

Research areas include:

- transportation systems
- airport planning
- improved water resources
- novel materials development

Biomedical engineering research in ranges from bone and joint health to new diagnostic tools





Electrical and Computer Engineering

电子与计算机工程

Research areas include:

- power and energy-control systems
- radio systems
- telecommunications and wireless technologies
- virtual reality
- artificial intelligence

Environmental Engineering

环境工程

Research areas include:

- water pollution assessment and control
- landfill engineering and greenhouse gas control
- air pollution assessment and control
- renewable energy
- industrial and hazardous waste treatment
- environmental modelling
- sustainable development



Geomatics Engineering

测绘工程

Research areas include:

- positioning
- navigation
- wireless location
- digital imaging systems
- land tenure
- remote sensing
- unmanned systems
- Earth observation



Mechanical & Manufacturing Engineering

机械制造工程

Research areas include:

- unmanned aerial vehicles
- robotics
- knee-joint mechanics
- design engineering
- aeronautics
- environmental performance of energy systems



Calgary International Summer Program

卡尔加里国际暑期项目

- **Designed specifically for international students**
- **4-week program during the summer**
- **Academic courses and English Language Training**
- **Engineering classes available in this program:**
 - **Introduction to Energy and Environment**
 - **Project Management**



Living on campus

在校居住

Crowsnest Hall is our new graduate residence building, featuring study rooms, special and academic lounges, a community kitchen and plenty of green space.

Family residence – we also offer grad students with families 250 unfurnished townhouses.

International Student Specialists can help with immigration questions

UCalgary Welcome Centre helps you prepare to move here

International Student Services help you meet others

Here to support you

来这里成就你的梦想



Notable Alumni 知名校友



Stephen Harper –
Former Prime Minister of Canada



Robert Thirsk - Former Chancellor
Astronaut, engineer & physician



Garrett Camp
Co-founder of Uber, Uber
Eats & Stumble upon



James Gosling
Founder and lead designer of Java



Naheed Nenshi -
Mayor of Calgary

Notable Alumni

知名校友



Figure 1. Official portrait photo of Canadian Space Agency (CSA) astronaut Robert Thirsk. From NASA by NASA (2006). Retrieved from <http://www.jsc.nasa.gov/Bios/htmlbios/thirsk.html> Date: 2006

- Chancellor Robert Thirsk
- Astronaut, engineer & physician
- Holds Canadian record for longest space flight and most time spent in space

Notable Alumni

知名校友



Figure 4. James Gosling. From Twenty years of Java through its creator's eyes by Alex Handy (2015). Retrieved from <https://sdtimes.com/browsers/twenty-years-of-java-through-its-creators-eyes/>

- James Gosling
- Founder and lead designer of Java

Notable Alumni

知名校友



Figure 3. Stephen Harper. From World Economic Forum By Remy Steinegger Infobox.jpg (2010). Retrieved from <https://commons.wikimedia.org/w/index.php?curid=28016684>

- Stephen Harper
- Former Prime Minister of Canada

Notable Alumni

知名校友



Figure 6. Garrett Camp. From NYTimes by Garrett Camp (2011).
retrieved from <https://www.nytimes.com/2011/10/23/jobs/23boss.html>

- Garrett Camp
- Co-founder of Uber, Uber Eats & Stumble upon

Admissions deadlines for Masters in Engineering (MEng)

工程院硕士录取截止日期

For classes starting September 1 – applications due April 15

For classes starting January 1 – applications due August 15*
(This deadline applies to Civil, Geomatics, Mechanical and Chemical engineering non-cohort MEng programs only)

For classes starting May 1 – applications due December 15
(This applies to Software MEng only)

English language requirements

语言要求

- **TOEFL score of at least 86 with no section less than 20**
- **IELTS minimum score 6.5 with no section less than 6**



Tuition

学费

The most up-to-date details on tuition can be found here.

www.ucalgary.ca/pubs/calendar/current/p-1-2



China Scholarship Council

中国国家留学基金管理委员会

For doctoral and postdoctoral studies

**Applicants are encouraged to apply
as early as possible**

**Apply through your home
university in China**

**Chinese universities may have an
internal competition for CSC
scholarship**

When you are ready to apply 你需要准备以下申请材料

Application process

1. Choose a graduate program of interest and check its admission requirements
2. Find a potential graduate supervisor, if required by the graduate program
3. Prepare your documentation
4. Calculate your tuition and fees
5. Create a eID and start your application online

Documents you will need

- Transcripts
- Study proposal
- Curriculum vitae
- Reference letters
- Standardized test score

Note: If you are not a Canadian citizen or permanent resident, there may be other documents required, as well as document translation.

How to apply 申请方式

1

Collect your documentation

- Check your program requirements to find out which documents and forms you will need to prepare.
- See the program's list of required documents for submission details.

Prospective students with funding from the China Scholarship Council, [see additional information](#).

2

Gather references

- Contact past professors for potential references. We will invite your referees to complete an online reference form after you submit your application.

3

Begin your application

- [Create an eID](#) to log in. If you already have an eID, you can begin your [online application](#).
- Once you begin, remember to click 'Save & Continue' often to ensure your application is saved.

4

Submit your application

Pay your application fee:

- \$125 for Canadian or Permanent residents
- \$145 for International Students

Official transcripts

官方成绩单

Official transcripts must be sent directly from all post-secondary institutions you have attended (even if you did not graduate) to the UCalgary graduate program to which you have applied. The transcript should be sent in a sealed envelope directly from your previous institution(s). You can upload unofficial documents to your online application.

Document translation

文件翻译

If your original documents are not in English, you must request a second set of documents to be given to a translator for a notarized word-for-word English translation. Send the translated copy to your graduate program in addition to your official documents.

International students

国际学生

You are an international student if you do not hold Permanent Residency or Citizenship in Canada. All incoming international students need to provide immigration status. Please indicate that you will be on a study permit. If you are not already inside of Canada on a valid study permit, still indicate study permit and leave the information blank. You must first be admitted to UCalgary before being able to apply for a study permit, or an extension of your current permit.

For details on applying for immigration after receiving your admission offer, email international.advice@ucalgary.ca

MEng Questions?

工程硕士问题?

联系工程研究生办公室

Contact the MEng Program Office

**ENC 205, Canadian Natural
Resources Limited Engineering
Complex**

**2500 University Drive NW
Calgary, AB T2N 1N4**

403.220.2001

meng@ucalgary.ca



Other key contacts

联系我们

General inquiries – graduate@ucalgary.ca

Application inquiries – gradapp@ucalgary.ca

Graduate scholarship inquiries – gsaward@ucalgary.ca

International student inquiries – international.advice@ucalgary.ca



Thank you

如果有问题，请联系我们：

孙巧博士，Schulich工程学院副院长

Email: qsun@ucalgary.ca

黄伟棠先生，卡尔加里大学中国代表

Email: albertawong@live.ca

Wechat: [13718138391](https://www.wechat.com/qrcode/add?qr=13718138391)