



UBC Engineering Open House November 2022



Your future starts here.

Discover the future that awaits you when you study engineering at one of Canada's top schools.

Our Open House introduces you to what UBC Engineering offers students like you: people who want to design, develop and create something new. People who want to use their knowledge to improve lives and solve some of our world's most complex challenges.

Tour our buildings and labs, talk with students and faculty, and get your questions answered. Over the course of your visit, you can learn about:

- **our 14 engineering programs**
- **student life**
- **co-op and other work experience**
- **opportunities to study and work internationally**
- **extracurriculars and clubs**
- **student Engineering Design Teams**

There's nothing like an in-person tour of labs and classrooms or talking with profs and current students to really get a sense of what it would be like to study engineering at UBC. Make the most of your visit!

START EXPLORING

Academic Program Fair 10 AM - 2 PM

Kaiser Building Atrium & rooms 2020 / 2030

Meet representatives from each of our 14 programs – from biomedical engineering to mining engineering – and learn about the many career pathways available to you as an engineer.

Engineering Design Teams 10 AM - 2 PM

*Chemical and Biological Engineering Atrium,
Civil and Mechanical Engineering Building Atrium &
Engineering Student Centre*

UBC has more than 30 Engineering Design Teams where students work together on design projects and gain hands-on experience. Teams will be showcasing their work at three locations – stop by and expect to be amazed!

Labs and Demonstrations 10 AM - 2 PM

*Chemical and Biological Engineering Building &
Fred Kaiser Building*

Visit our world-class labs and watch demonstrations to see engineering in action.

Discover New Spaces 10 AM - 2 PM

MacLeod Building

Explore the recently renovated MacLeod Building and see our new engineering classrooms, labs and study spaces.

Take a peak in the undergraduate lab located in MCLD 1002 or sit in a lecture hall to watch recordings from our **Virtual Open House** about **UBC Engineering Admissions** or **Why Engineering** in MCLD 2018 and MCLD 2002.

UBC Engineering Open House

Discover the potential of engineering and discover your potential to make a difference.

A PROFESSIONAL DEGREE FOR THE FUTURE

Come talk with faculty members, staff and students at our Academic Program Fair. This is a great opportunity to learn more about the wide range of engineering programs offered at UBC and discover some of the career pathways available with a degree in engineering.

LIST OF ACADEMIC PROGRAMS AND SERVICES

Chemical and Biological Engineering
Civil Engineering
Co-op Program
Electrical and Computer Engineering
Engineering Academic Services
Engineering Physics
Environmental Engineering
Geological Engineering
Integrated Engineering
Manufacturing Engineering
Materials Engineering
Mechanical Engineering
Mining Engineering
School of Biomedical Engineering
School of Engineering (Okanagan)
UBC Geering Up-Engineering Outreach

BUILDINGS KEY

- #1 Fred Kaiser Building**
- #2 MacLeod Building
- #3 Civil and Mechanical Engineering Building
- #4 Engineering Student Centre
- #5 Engineering Design Centre
- #6 Chemical and Biological Engineering Building



Gender-inclusive washrooms can be found on the first floor of MacLeod and Chemical and Biological Engineering buildings.



THE UNIVERSITY OF BRITISH COLUMBIA

Engineering

Faculty of Applied Science

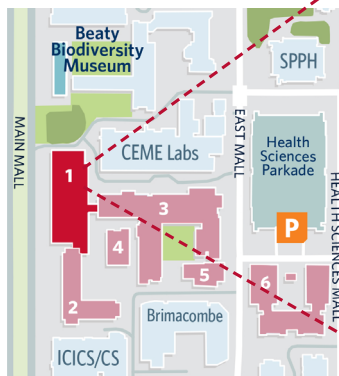
ENGINEERING.UBC.CA

UBC Engineering Open House

Academic Program Fair - Booth Locations

DISCOVER THE 14 ENGINEERING PROGRAMS THAT WE HAVE TO OFFER

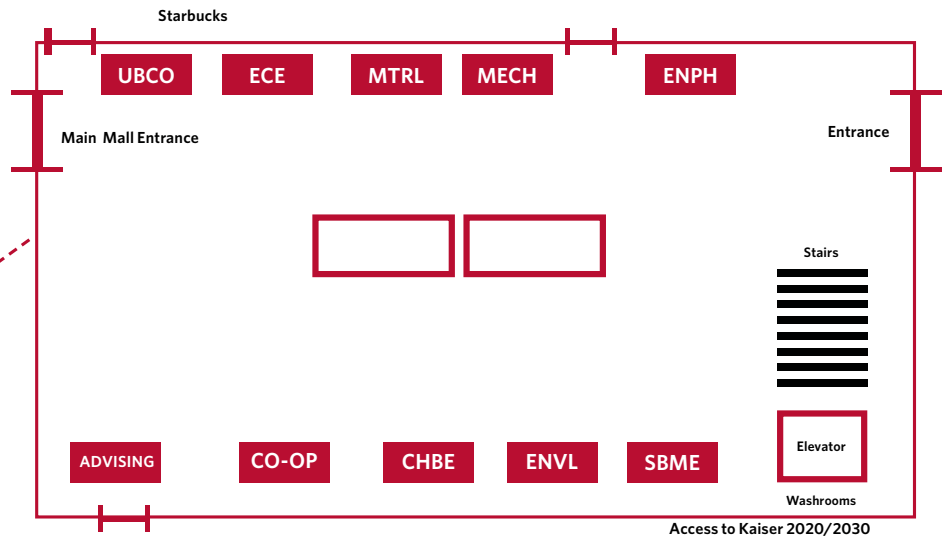
The program fair is a great opportunity to talk to representatives from all the engineering programs offered at UBC Engineering and learn more about the career pathways available to you.



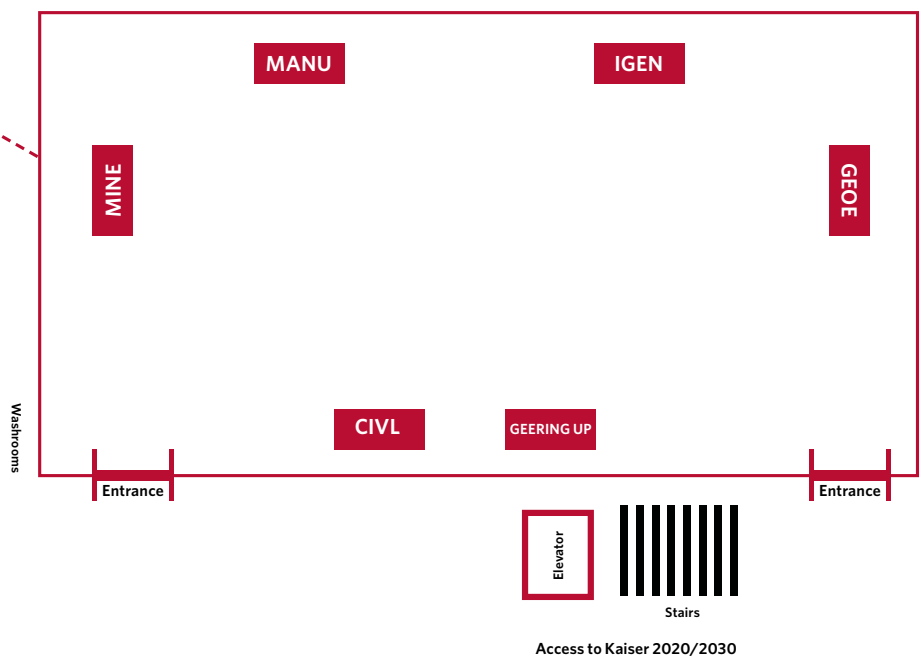
PROGRAM BOOTH KEY

- ADVISING** - Engineering Academic Services
- CHBE** - Chemical and Biological Engineering
- CIVL** - Civil Engineering
- ECE** - Electrical and Computer Engineering
- ENPH** - Engineering Physics
- ENVL** - Environmental Engineering
- GEOE** - Geological Engineering
- IGEN** - Integrated Engineering
- MANU** - Manufacturing Engineering
- MINE** - Mining Engineering
- MECH** - Mechanical Engineering
- MTRL** - Materials Engineering
- SBME** - School of Biomedical Engineering
- UBCO** - School of Engineering: UBC's Okanagan Campus
- GEERING UP**: UBC Geering Up - Engineering Outreach

KAISER ATRIUM



KAISER 2020/2030



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UBC Engineering Open House

Find your community at UBC Engineering - a place where you'll be supported and challenged to make a difference.

ENGINEERING DESIGN TEAMS

Head over to the Engineering Student Centre, Civil and Mechanical Engineering Building Atrium, Chemical and Biological Engineering Atrium, and Kaiser Room 1180 to check out UBC's Engineering Design Teams. UBC Engineering has more than 30 teams you can join to work on projects with your peers.

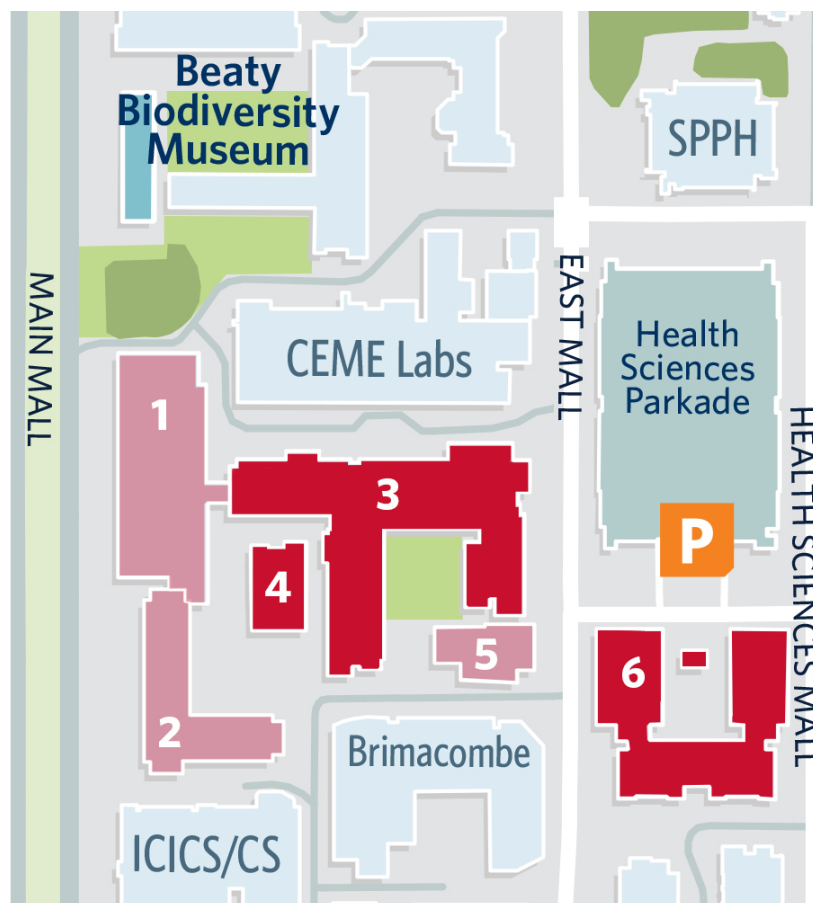
From building soccer-playing robots to developing an innovative drug delivery system to tackle brain cancer, student teams work together to solve complex problems.

LIST OF ENGINEERING DESIGN TEAMS

Concrete Toboggan	UBC Supermileage
Formula UBC Racing	UBC Thunderbikes
Mars Colony UBC	UBC Thunderbots
UBC AeroDesign	UBC Uncrewed Aircraft Systems
UBC Biomedical Engineering Student Team	UBC WasteNauts
	UBC's Submarine Design Team
UBC Envision	
UBC Orbit	
UBC Rapid	
UBC Rover	
UBC Sailbot	
UBC Seismic Design Team	
UBC Solar	
UBC Steel Bridge Design Team	
UBC Subbots	

BUILDINGS KEY

- #1 Fred Kaiser Building
- #2 MacLeod Building
- #3 **Civil and Mechanical Engineering Building**
- #4 **Engineering Student Centre**
- #5 Engineering Design Centre
- #6 **Chemical and Biological Engineering Building**



Gender-inclusive washrooms can be found on the first floor of MacLeod and Chemical and Biological Engineering buildings.



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Engineering

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UBC Engineering Open House

Engineers are changing the world – designing the products, processes and technologies that are building a better future.

LABS AND DEMONSTRATIONS

Drop by some of our world-class labs and visit the locations below to watch demonstrations and see engineering in action:

10 AM - 2 PM

Chemical and Biological Engineering Demonstrations
Chemical and Biological Engineering Atrium

Chemical and Biological Engineering Undergraduate Lab
Chemical and Biological Engineering Building room 102
Meet in the classroom before proceeding to the lab

Engineering Physics Robot Demonstration
Fred Kaiser Building second floor

First-Year Projects
Engineering Design Centre

Mechanical Engineering Machine Shop
Fred Kaiser Building room 1190

Mechanical Engineering Undergraduate Lab
Fred Kaiser Building room 1180

Electrical and Computer Engineering Undergrad Lab
MacLeod Building Room 1002

12PM- 2 PM

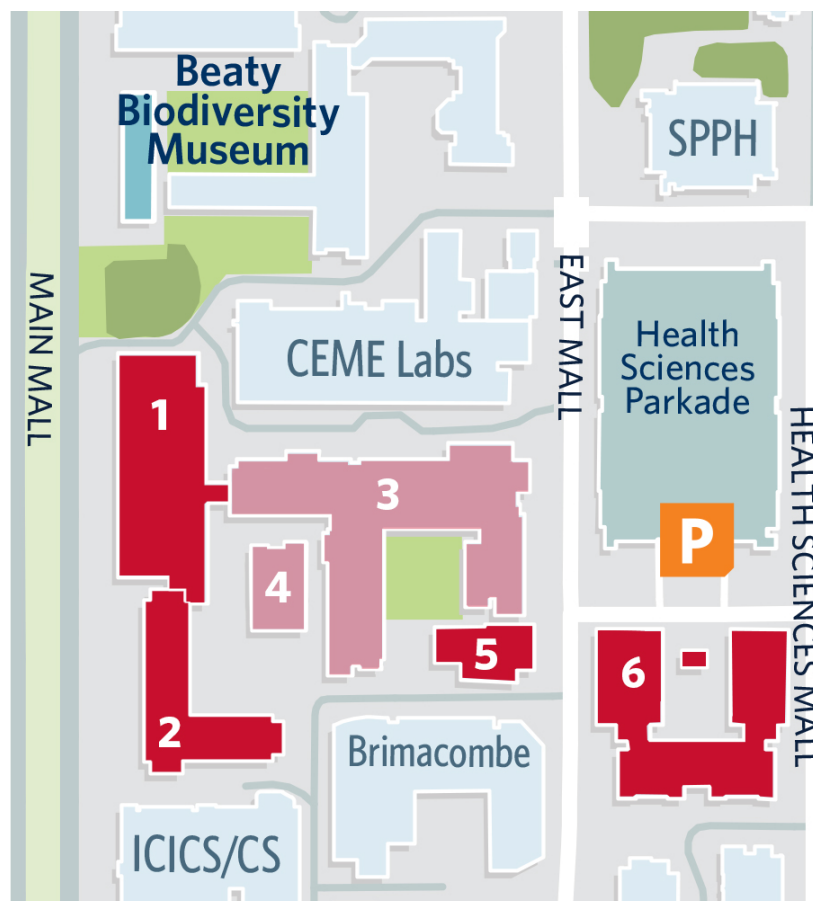
Biomedical Engineering Undergraduate Lab
Chemical and Biological Engineering Building room 101
Meet in the classroom before proceeding to the lab

11 AM - 2 PM

Coal and Mineral Processing Lab
Fred Kaiser Atrium Program Booth - MINE

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RECORDED PRESENTATIONS

Stop in to an undergraduate lecture hall to watch select recordings from our Virtual Open House playing on repeat throughout the day.

UBC Engineering Admissions
MacLeod room 2018

Why Engineering
MacLeod room 2002



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UBC Engineering Open House

Ready to get started? Check out the links below to learn more about admissions and the application process, and to get inspired by all offered at UBC Engineering.



ADMISSIONS

Find out about admissions requirements for **high school students** or **transfer students**

APPLY

Learn about the **application process** and **deadlines**

EXPLORE

Watch our videos from our **Virtual Open House**

Read about our **incredible students and alumni**

Find the **design team** of your dreams

JOIN US

We hope you'll join us on campus in September 2023!

Until then, stay up to date with the latest by following Engineering Stories on **You-Tube**, **Instagram** and **TikTok**.

