

SCHOOL OF ENGINEERING

CIVIL | ELECTRICAL | MANUFACTURING | MECHANICAL



UBC's School of Engineering at the Okanagan campus of the University of British Columbia (UBC) offers a unique and innovative curriculum to prepare students for graduate studies and engineering practice. The School's world-class faculty and researchers are committed to an instructional approach that is varied, experiential, and engaging. Our close-knit, student-centred program of study affords high levels of student-professor interaction and collaborations, enhanced laboratory experiences, and opportunities for field trips. Students acquire a broad understanding of engineering principles within Applied Sciences before selecting one of four Engineering programs: Civil, Electrical, Manufacturing, or Mechanical Engineering. All lead to a Bachelor of Applied Science (BASc) degree.

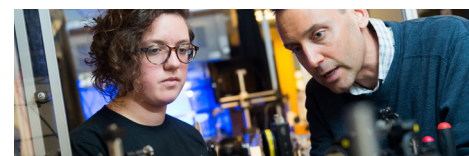


CIVIL ENGINEERING

Analyze, plan, design, construct and maintain the "built" environment—the communities and infrastructure we inhabit and rely on—for safe, healthy and sustainable living.

ELECTRICAL ENGINEERING

Investigate topics including wireless communications, electromagnetics, microsystems, nanotechnology, power systems, multimedia signal processing, intelligent learning systems, communication networks, Internet of Things (IoT), and electronics.

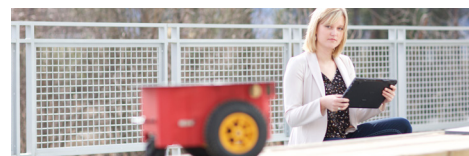


MANUFACTURING ENGINEERING

Explore additive manufacturing, advanced materials, adaptive robotics, artificial intelligence, autonomous systems, digitalization, factory planning, production management, and much more.

MECHANICAL ENGINEERING

Discover practical, hands-on ways of creating and improving materials, technologies, and physical systems to meet the demand of modern industries, from aircraft and energy systems to biomedical and mechatronics.



MINORS & OPTIONS

Aerospace (Option), Arts (Minor), Computer Science (Minor), Environmental Engineering (Option), Management (Minor), Pre-Med (Option), Biomedical (Option), Mechatronics (Option), and Resilient Infrastructure Management (Option)

ENGINEERING CO-OP

Earn while you learn. Gain valuable professional experience via the Engineering Co-operative Education Program by working in BC, across Canada, or around the world.



THE UNIVERSITY OF BRITISH COLUMBIA
Okanagan Campus



Countries of origin: School of Engineering students from 59 countries | faculty & staff from 17 countries
One of the fastest growing post-secondary engineering programs in Canada



Located in Kelowna, British Columbia, the School is an innovation hub for research and learning

Since 2013, enrollment has nearly doubled from 963 (805 undergraduate / 158 graduate students) to 2170 (1,757 undergraduate / 413 graduate students) in 2021. Females make up 16% of the undergraduate population and 28% of the graduate population. Close to 80% of undergraduate students are domestic while 72% of graduate students are international.

CAN'T DECIDE? CHOOSE BOTH

"I could not decide between mechanical and electrical engineering, therefore I chose mechatronics to cover both of them!"



Fatemeh Haghjoo, MSc Alumna

RESEARCH OPPORTUNITIES

"I chose to study Electrical Engineering because I was interested in electromagnetics research in an applied science context. The engineering program at UBC's Okanagan campus appealed to me as it provided many research opportunities during my engineering undergraduate degree."



Christopher Collier, Alumnus (BASc & PhD)

ROBOTS ARE COOL!

"One of the main reasons I chose mechanical engineering was because of my experience in first year. I loved my dynamics course and learning how things moved and reacted to each other. In mechanical engineering, you get to design different physical systems that you actually get to see in action. Plus, robots are cool!"



Jessica Van Brummelen, BASc Alumna

PHD & MASTER'S PROGRAMS

Engage in impactful research at one of the fastest growing and dynamic engineering schools in Canada. Energetic professors with a passion for research, and connections to industry, will enable your success in Civil, Electrical, Manufacturing and Mechanical Engineering.

DOCTOR OF PHILOSOPHY (PhD)

MASTER OF APPLIED SCIENCE (MASc)

MASTER OF ENGINEERING (MEng)

LEARN

1100+ RESEARCH PROJECTS UNDERWAY
\$18.5 MILLION ANNUAL RESEARCH FUNDING
\$1.92 BILLION ANNUAL ECONOMIC IMPACT OF UBC OKANAGAN
7+ MILLION LIBRARY VOLUMES
ok.ubc.ca/about

EXPLORE

208 HECTARES (516 ACRES)
54 BUILDINGS
139,698 SQ. M. OF BUILDING SPACE
maps.ok.ubc.ca

PLAY

1,560 SQ. M CAMPUS GYMNASIUM
817 SQ. M HANGAR FITNESS CENTRE
12 VARSITY ATHLETICS TEAMS
862 BLEACHER SEATS
11,475 SQ. M. NONIS SPORTS FIELD FOR SOCCER, RUGBY, FOOTBALL, FIELD HOCKEY, AND LACROSSE
ok.ubc.ca/athrec

For more information about the UBC Okanagan's School of Engineering visit www.engineering.ok.ubc.ca



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