

Building for tomorrow

2025 Strategic Goals

School of Engineering | Faculty of Applied Science



THE UNIVERSITY OF BRITISH COLUMBIA

Okanagan Campus



Strategic Plans

Strategic plans from the university, campus, faculty are referenced below:

- UBC: *Inspire* | strategicplan.ubc.ca
- UBC Okanagan: *Aspire* | aspire.ok.ubc.ca
- Faculty of Applied Science: *Engage* | strategicplan.apsc.ubc.ca



THE UNIVERSITY OF BRITISH COLUMBIA

School of Engineering

Faculty of Applied Science
Okanagan Campus

engineering.ok.ubc.ca



RESEARCH CLUSTERS

- Advanced Materials & Manufacturing
- Advanced Systems
- Clean Technology & Environmental Systems
- Health Technologies
- Urban Infrastructure & Green Construction

STRATEGIC PILLARS AT A GLANCE

Community

Engage our community to promote engineering and develop research collaborations

- Build, support and foster community outreach initiatives promoting engineering for under-represented populations
- Continue commitment to collaborate with industry, organizations and government stakeholders in our region
- Ensure space and support personnel to meet evolving needs
- Establish faculty and staff peer mentorship program

Vision

To be recognized for world-class academic and multi-disciplinary research that improves the social well-being of our community, province, country and planet.

Inclusivity & Diversity

Create a welcoming environment for all to thrive

- Achieve gender equity among undergraduate population
- Increase Aboriginal and First Nations undergraduate representation to 10%
- Recruit and retain 75 outstanding faculty
- Enhance international student recruitment
- Foster and grow international research collaborations

Research

Finding creative engineering solutions that positively impact the community and the world through innovative multi-disciplinary research.

- Enhance the training and research environment through securing chair positions (four to five) aligned with research and teaching priorities
- Increase total research funding to \$15M
- Establish new Nodes & Research Institutes linking both campuses
- Expand undergraduate research opportunities
- Enhance the School of Engineering's reputation as a world-class leader in research
- Support start-up and IP initiatives through innovative research



Teaching & Learning

Provide world-class programming within a dynamic and inclusive environment

- Maintain an integrated engineering program built on a strong engineering foundation
- Deliver world-class engineering education through pedagogical innovations and research
- Build new programs (manufacturing, software, biomedical) and options (mechatronics and infrastructure management)
- Strengthen strategic partnerships with UBC Vancouver
- Expand experiential opportunities such as co-op
- Maintain student-to-faculty ratio (23:1)
- Provide advanced training opportunity to teaching assistants

