

# 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](http://strategicplan.ubc.ca)
- UBC Okanagan: *Aspire* | [aspire.ok.ubc.ca](http://aspire.ok.ubc.ca)
- Faculty of Applied Science: *Engage* | [strategicplan.apsc.ubc.ca](http://strategicplan.apsc.ubc.ca)



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**School of Engineering**

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[engineering.ok.ubc.ca](http://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 Indigenous undergraduate representation
- 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

