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# PURPOSE AND VISION



The UBC Okanagan Campus Plan (2015) identifies how and where to manage future campus growth in a way that best supports the University's strategic plan and academic mission. *The Campus Plan* guides where and how potential future academic and research activities, student housing, and associated campus services and infrastructure will be accommodated over the next 20 years and beyond.

Approved in 2005 and slightly updated in 2009, *The UBC Okanagan Master Plan* was designed to guide the campus's rapid expansion to 7,500 student FTEs. By 2012 the campus had met its growth projections, with student enrolment more than doubling and campus floor space nearly tripling since 2005 (student housing expansion accounting for the growth differential). In 2013, UBC's Board of Governors directed that *The UBC Okanagan Master Plan* (2009) be updated, and *The Campus Plan* process was initiated with extensive public consultation.

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FIGURE 1 PRELIMINARY CAMPUS PLAN CONCEPT



2009 UBC Okanagan Master Plan



The Vision in the University's strategic plan, Place and Promise: The UBC Plan, states:

*As one of the world's leading universities, The University of British Columbia creates an exceptional learning environment that fosters global citizenship, advances a civil and sustainable society, and supports outstanding research to serve the people of British Columbia, Canada and the world.*

## 1.1 CAMPUS PLAN VISION

The UBC Okanagan Campus Plan's Vision, principles and strategies were developed in support of the University's strategic plan and academic mission.

The Vision for the University's Okanagan Campus in *Aspire: Envisioning Our Future* states:

*The Okanagan Campus aspires to be a model of innovation and interdisciplinary programming as an expression of the University's core commitments—transformative student learning, research excellence, and community engagement.*

The following Campus Plan Vision Statement, developed in consultation with the UBC Okanagan community, guides the physical evolution of the University's Okanagan Campus over the next 20 years.

*The University of British Columbia's Okanagan Campus aspires to be a centre for learning and innovation that produces global citizens through transformative personal growth and collaboration. Its people, places, and activities are linked by a shared commitment to fostering community, and supporting social and ecological well-being. Deeply connected to the landscape, the campus is an accessible, intimate, and welcoming environment—a catalyst for positive change.*



## 1.2 PLANNING PRINCIPLES AND STRATEGIES

Principles and strategies for physical planning and design that guided the development of *The Campus Plan's* concepts and policies are outlined below. These four principles build on *The UBC Okanagan Master Plan* and were developed and affirmed through *The Campus Plan* consultation process.

### A Welcoming and Connected Campus

Through design, programming and partnerships, strengthen physical and social connections on campus and to the surrounding community to create lasting and impactful relationships between people and places and nurture shared learning and innovation.

Strategies to implement this principle include:

- Design flexible buildings and spaces to accommodate a range of academic and research activities.
- Promote opportunities to embed Campus as a Living Lab projects into the design of buildings and open spaces.
- Encourage smaller research and incubation spaces within the campus core, capitalizing on proximity to other academic uses and groups.
- Provide world-class facilities to support people who live, work, study and conduct research on campus.
- Transition to a pedestrian-priority campus.
- Mitigate against impacts of parking and vehicle loading on campus walkability and the pedestrian experience.
- Stage parking surfaces as future building locations and transition to structured parking to reinforce the compactness of the campus.
- Strengthen connections to surrounding regional trails and bike paths.
- Identify and design spaces with capacity to host community events at the local and regional scale.
- Ensure comprehensive universal access and a barrier-free environment.
- Plan for an improved transit hub that meets operational and passenger needs.
- Pursue opportunities to expand the amount of informal learning spaces with new development.

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### INNOVATION AND PARTNERSHIPS

*All great regions boast a world-class university. By mobilizing knowledge from research, students and operations, universities drive economic and social innovation. In the Okanagan, UBC's teaching, learning and research are a key source of regional innovation.*

*The Campus Plan includes strategies to leverage UBC's contribution to regional innovation. These strategies include facilitating partnerships between the University and its surrounding community, improving community access to UBC, and providing opportunities to build physical campus connections between academia and industry. These strategies will ensure knowledge moves freely between UBC and the community, and will continue UBC's role as a key driver of innovation in British Columbia's knowledge-intensive economy.*



### Celebrating Place

Strengthen the intimacy and legibility of campus spaces and places, while celebrating the surrounding Okanagan landscape, to achieve a distinguished and compact campus within an indigenous landscape setting.

Strategies to implement this principle include:

- Create a compact campus core through strategic infill development that is sensitive to its context.
- Strengthen major pedestrian axes through enhanced legibility and design.
- Place new buildings to frame open spaces and to heighten the experience and views of the surrounding landscape.
- Provide a network of informal walkways, bike paths, and trails.
- Integrate fingers of indigenous landscape into the campus core.
- Strengthen the visual identity, sense of place, and cohesiveness of the campus.
- Reinforce the Okanagan grasslands and Ponderosa Pine Woodland in landscape design.
- Support design excellence and integration on multiple scales.
- Protect and frame key campus and surrounding views.

*The majority of academic uses, and new residences to the south are accessible within a five-minute walk of transit and the “Main Street” campus core.*



FIGURE 2A FIVE-MINUTE WALK TO TRANSIT



FIGURE 2B FIVE-MINUTE WALK TO CAMPUS CORE

## Campus Vitality

Leverage campus growth to create a vibrant community, meeting the needs of all users and enabling students, staff, faculty and the broader community to connect, learn and linger.

Strategies to implement this principle include:

- Broaden the distribution of residential facilities on campus.
- Respond to residents' needs and preferences in neighbourhood design.
- Provide a range of amenities and services within each residential neighbourhood, including social spaces, collegia (gathering places), ancillary retail, recreation opportunities, and bike facilities.
- Design for flexibility and integration of active uses in the ground floors of buildings.
- Preserve lower campus lands for future growth of the Research/Innovation Precinct.
- Create a vibrant, pedestrian-oriented "Main Street" along University Way.
- Encourage integrated, on-street transit facilities that support a walkable and pedestrian-oriented campus.
- Provide a range of open, shaded, and covered outdoor spaces suited to the Okanagan seasons and climate.

## Whole Systems Infrastructure

Manage campus growth through a whole systems (environment, economic and social sustainability) lens to achieve net-positive impact on the well-being of the campus community and ecology.

Strategies to implement this principle include:

- Design buildings and landscapes to minimize energy and water consumption.
- Design buildings and infrastructure for flexibility and resiliency and to support opportunities for the Campus as a Living Lab.
- Explore opportunities to apply passive-design principles and expand on the district energy system.
- Incorporate indigenous landscapes that are characteristic of the Okanagan climate.
- Implement stormwater management strategies that enhance ecosystem assets.
- Shift toward renewable and regenerative energy, water and waste systems.

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## CAMPUS AS A LIVING LAB

*UBC's faculty, staff, students and partners use the University's buildings and infrastructure, as well as its education and research capabilities, as a living laboratory to test, study, teach, apply and share lessons learned, technologies created, and policies developed. Studying our own behaviours and discoveries helps to advance sustainability scholarship inside and outside UBC.*



FIGURE 3 ILLUSTRATIVE PLAN OF UBC OKANAGAN CAMPUS

# 1.3

## PLAN SCOPE AND FUTURE NEEDS

The *Campus Plan* subject area includes the Main Campus lands only. The West Campus lands are not included in the plan, with the exception of planning for a new campus access road connecting to the west side of the Main Campus. Use of the West Campus lands will continue to be consistent with the Agricultural Land Reserve (ALR) designation and its agricultural character.

The *Campus Plan* provides for a potential doubling of the 2012 campus population and academic and residential facilities, based on historical city, regional and university growth patterns. With the initial capital investment and construction program for the Okanagan Campus completed in 2012, student enrolment is anticipated to increase at a gradual rate of approximately 1% to 2% per year.

The *Campus Plan* does not address the timing and funding of specific projects. These aspects will continue to be determined by various academic, administrative, business and facility planning processes. The pace at which facilities will be developed may be slowed or accelerated to accommodate population shifts or changes in economic conditions and institutional funding. In addition, *The Campus Plan* does not address detailed operational strategies such as waste management and energy management except as they connect to the physical development of the campus. Consistent with the policies and directions established in *The Campus Plan*, planning for transportation, the public realm, and servicing infrastructure will be captured under subsequent separate plans.

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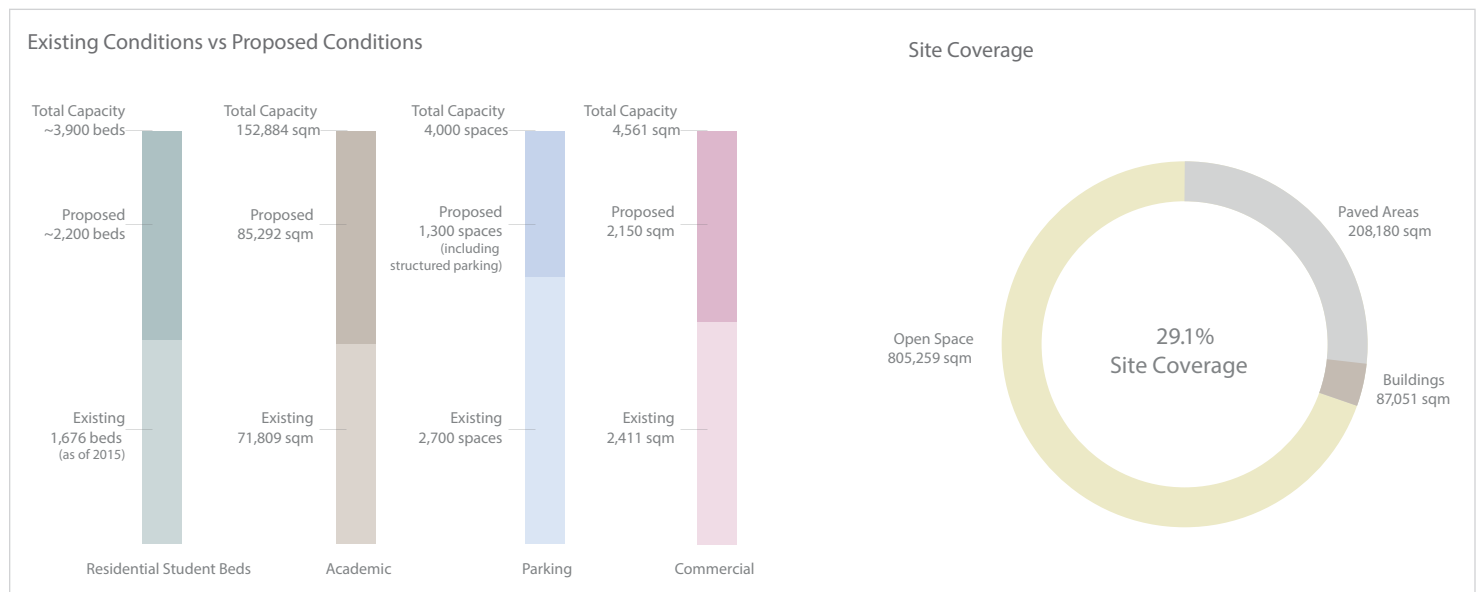


FIGURE 4 POTENTIAL CAMPUS PLAN CAPACITY AND SITE COVERAGE SUMMARY



## 1.4 PLANNING PROCESS

*The Campus Plan* was led by UBC Campus + Community Planning under the guidance of a Steering Committee, with detailed input from a Project Team. The Steering Committee and Project Team members represented faculty, students and technical staff. At various stages the planning process included consultant studies, workshops, design charrettes, and stakeholder and public consultation. Regular discussion with the City of Kelowna was maintained throughout the planning process.

A description of Phase 1 and 2 public consultation events and how the feedback informed *The Campus Plan* is included in the *Phase 2 Public Consultation Summary Report* and *The UBC Okanagan Campus Plan 2015 Board of Governor's Report*, both under separate cover. Table 1 contains a summary of the main activities in each phase of the planning process.



*Growth and Experience Design Charrette, June 2014*

TABLE 1 OKANAGAN CAMPUS PLAN PROCESS

|   | TECHNICAL WORK  | PUBLIC CONSULTATION  |
|---|---|--|
| <b>INITIATE THE PLAN 2013</b>                     | <ul style="list-style-type: none"> <li>Defining Scope, Budget and Schedule</li> <li>Planning Process</li> <li>Consultation Approaches</li> <li>Existing Policy Framework</li> </ul>   | <ul style="list-style-type: none"> <li>Campus Plan Website</li> </ul>  |
| <b>IDENTIFY ISSUES AND IDEAS 2013</b>             | <ul style="list-style-type: none"> <li>University Policy Review</li> <li>Municipal Policy and Zoning Review</li> <li>Initial Technical and Background Analysis</li> <li>Discussions with City of Kelowna</li> </ul>   | <ul style="list-style-type: none"> <li>Public Open House, Feedback Form</li> <li>On-Campus and Off-Campus Stakeholder Meetings</li> <li>Campus Plan Website Update, Online Feedback Form</li> <li><i>Phase 1 Public Consultation Summary Report</i></li> </ul>   |
| <b>ANALYSIS AND OPTIONS DEVELOPMENT 2014-2015</b> | <ul style="list-style-type: none"> <li>3D Campus Model Construction</li> <li><i>UBC Okanagan Transportation Summary</i></li> <li><i>Ecological Analysis to Support UBC Okanagan's Master Plan Update</i></li> <li><i>Growing UBC Okanagan: Developing the Culture of the University of British Columbia</i></li> <li>Utilities Analysis</li> <li>GIS Campus Mapping</li> <li>Vision Statement</li> </ul>                        | <ul style="list-style-type: none"> <li>Transportation Workshop</li> <li>Growth and Experience Design Charrette</li> <li><i>Growth and Experience Design Charrette Summary Report</i></li> </ul>  |
| <b>OPTIONS REVIEW 2014</b>                        | <ul style="list-style-type: none"> <li>Assessment of Campus Plan Options</li> <li>Key Principles and Strategies</li> <li>Land Use and Zoning Review</li> <li>Discussions with City of Kelowna</li> <li>West Campus Access Road Design</li> <li>Transit Exchange Siting and Functional Design</li> <li><i>UBC Okanagan: Whole Systems Approach to Campus Infrastructure</i> (in parallel with <i>The Campus Plan</i>)</li> </ul> | <ul style="list-style-type: none"> <li>On-Campus and Off-Campus Stakeholder Meetings</li> <li>Academic Leadership and Expert Consultation</li> <li>Business Community Presentations</li> <li>Campus Plan Website Update</li> </ul>   |
| <b>DRAFT PLAN AND REFINEMENT 2014-2015</b>        | <ul style="list-style-type: none"> <li>Draft of <i>The Campus Plan</i></li> <li>Mapping and Illustrations</li> <li>Discussions with City of Kelowna</li> </ul>  | <ul style="list-style-type: none"> <li>Public Open House, Feedback Form</li> <li>Ideas Fairs</li> <li>Campus Places and Experiences Workshops</li> <li>On-Campus and Off-Campus Stakeholder Meetings</li> <li>Campus Plan Website Update, Online Feedback Form</li> <li><i>Phase 2 Public Consultation Summary Report</i></li> </ul> |
| <b>ADOPT THE PLAN 2015</b>                        | <ul style="list-style-type: none"> <li><i>The Campus Plan</i> (finalized)</li> <li>Board of Governor Approval of Final Plan</li> </ul>  | <ul style="list-style-type: none"> <li>Campus Plan Website Update</li> </ul>   |