

The University of British Columbia

Vancouver Campus Plan

PART 1 CAMPUS PLAN SYNOPSIS



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

UBC VANCOUVER CAMPUS PLAN

Part ① Campus Plan Synopsis

Part ② Campus Plan

Part ③ Design Guidelines

To obtain copies of *Part 2 Campus Plan* and *Part 3: Design Guidelines* please contact Campus and Community Planning or visit our website at www.planning.ubc.ca.

ADOPTED | JUNE 2010

The UBC Board of Governors formally adopted *The UBC Vancouver Campus Plan* in accordance with powers conferred on the Board by the University Act. *The UBC Vancouver Campus Plan* is a part of the body of Governance Requirements established by the Board for the management, administration and control of the University's real property, buildings and structures, as defined in the Board of Governors' Policy 92 (Land Use and Permitting).

The official name of this document is *The UBC Vancouver Campus Plan*. For brevity, it will be referred to as *The Campus Plan*.

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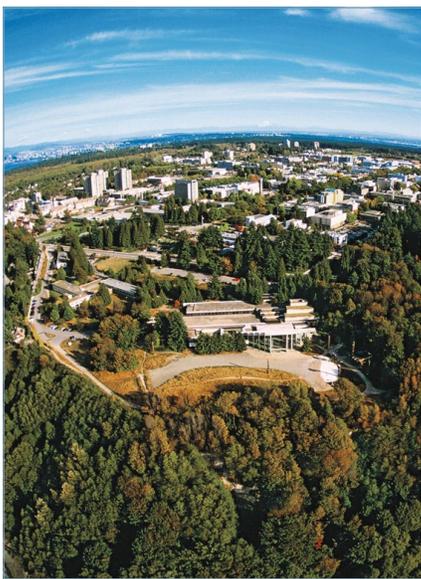
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THREE-PART CAMPUS PLAN

Part 1 Campus Plan Synopsis — overview of strategies, policies and implementation

Part 2 Campus Plan — policies with their context and reference maps

Part 3 Design Guidelines — for new capital projects, renovations and operations and maintenance activities



Aerial view of the UBC Vancouver Campus



Context [Map 1-1, Page 21](#)

1 VISION

The UBC Vancouver Campus Plan, guided by the following vision, supports the University’s strategic plan by shaping the physical setting in which the University’s activities take place.

The UBC Vancouver Campus Plan supports UBC’s world-class community of scholars with a beautiful, functional, sustainable and cost-effective campus that provides the optimal environment for teaching, learning and research; reflects the stature of the University; encourages a unique community life; strengthens its connections with its neighbours and is responsible to future generations.

— Endorsed by the UBC Board of Governors May, 2007

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.

2 CAMPUS PLAN AT A GLANCE

The Campus Plan guides where and how future academic and research activities, student housing and associated campus services will be accommodated over the next 20 years and beyond, in support of the University of British Columbia’s academic mission.

2.1 CAMPUS CONTEXT

UBC’s Vancouver campus is located west of the City of Vancouver, separated by the 763 hectare (1,885 acre) Pacific Spirit Regional Park. Immediately east of campus is the University Endowment Lands (UEL), administered directly by the province, not UBC. [Map 1-1 Context](#) shows *The Campus Plan* area in relation to adjacent jurisdictions.

2.2 PLAN SCOPE

The *Campus Plan* subject area only includes institutional lands. *The Campus Plan* incorporates the area plans that have been completed for the North Campus academic area and University Boulevard neighbourhood, but excludes the family housing neighbourhoods on campus as these areas are not focused on accommodating academic uses.

The 24 hectare South Campus land reserve, where the UBC Farm is located, is excluded from *The Campus Plan* subject area at the request of the UBC Board of Governors and subject to a separate academic planning process. *The Campus Plan* will be amended to reflect the land uses determined for this area once the Board's conditions, identified below, have been met.

No market housing is to be pursued in the 24 hectare South Campus area as long as the University's housing, community development and endowment goals can be met through transferring housing density to other parts of campus. Current land uses remain until an academic plan is complete and the density has been transferred. The South Campus Academic Plan must be for teaching and research purposes that are academically rigorous and globally significant around issues of sustainability, and enhance UBC's position as Canada's most sustainable university and a recognized world leader in campus sustainability.

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. In addition, *The Campus Plan* does not address detailed operational strategies, such as waste management or energy management, except as they connect to the physical development of the campus.

2.3 PLANNING PROCESS

The Campus Plan process was guided by the Steering Committee with detailed input from the Technical Advisory Committee and Project Team. Committee members represented students, alumni, faculty, professors emeriti, staff and the University community. Each phase of the planning process included technical studies and community consultation.

2.4 FUTURE NEEDS

The Campus Plan's assumptions of future spatial and physical needs are derived from the University's overall strategic, academic, and operational plans and based on sustainability principles.

Until the year 2017, the student enrolment at the Vancouver campus is expected to increase only slightly from about 37,600 full-time equivalent (FTE) students to 39,700 FTE students, with the proportion of graduate students within that total almost doubling from approximately 6,800 to 11,300. The population is expected to be capped at the 2017 level until 2030 and beyond. Actual changes may vary but the pace at which facilities will be developed may be slowed or accelerated to accommodate population shifts or changes in economic conditions.

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Photo: Javier Landaeta

Parts 2 and 3 are *The Campus Plan's* reference documents and take precedence over the content of Part 1 if a conflict exists.

A Siting Protocol for academic facilities is defined in Part 2, section 3.1 Academic Land Use. Once the Board endorses a site, it is reserved for five years.



CK Choi Building

The Campus Plan identifies locations for about a 10 per cent increase in academic and research floor space, or just over one million square feet (95,800 square metres). In addition, *The Campus Plan* provides capacity for an additional 3.6 million square feet (about 334,500 square metres) of new student housing floor space, enabling the University to house 50 per cent of full-time students on campus. Modest increases in floor space for operational support facilities are also included.

3 CAMPUS PLAN STRATEGIES

The Campus Plan strategies connect the plan's vision to the policies that are listed in the next chapter and described in *Part 2 Campus Plan*.

The following strategies are founded on the themes identified through consultation and the results from technical work, and describe how the campus will evolve over time to meet the vision of *The Campus Plan*.

1. Create a sustainable campus
2. Provide a campus for world class teaching, learning and research
3. Nurture a more vibrant and interesting campus for UBC's community of scholars
4. Rediscover UBC's sense of place and natural west coast beauty
5. Ensure a well-connected and accessible campus

3.1

SUSTAINABLE CAMPUS

The Campus Plan's policies and actions support the sustainability goals in Place and Promise: The UBC Plan, including UBC becoming a living laboratory. *The Campus Plan* sustainability goals are to achieve more sustainable, efficient, effective and convenient land use distribution patterns; integrated approaches to managing open space, energy and infrastructure systems; a pedestrian and cycling friendly campus and a socially engaging environment that fosters a thriving academic community. Some key ways in which these results will be achieved are explained next.

UBC as a Living Laboratory

UBC is building on its sustainability leadership in teaching, research and operations to become an innovation hub for sustainability solutions. *The Campus Plan* integrates use of the campus as a living laboratory and anticipates research and pilot projects across campus. *The Campus Plan* also integrates the physical land use and spatial needs of the University's related sustainability initiatives, like the Climate Action Plan, to maximize the effectiveness of all strategies combined.

SUSTAINABLE OUTCOMES

- *Campus as a Living Laboratory*
- *More student housing*
- *Public realm designed with nature*
- *Greener buildings and infrastructure*
- *Compact campus*
- *Vibrant campus life*

More Student Housing

The capacity for more student housing on campus will improve academic engagement, reduce commuting and improve personal safety by having more people and eyes on pathways within a pedestrian friendly campus. More student residents will provide a critical population mass to support a greater variety of academic and personal services operating with longer hours on campus. Providing a greater variety of housing types recognizes the increasing diversity of students.

Public Realm Designed with Nature

Another key direction is integrating public realm improvements with other campus plan infrastructure and transportation systems including cycling, walking trails and sustainable stormwater management features. This integration allows for multiple use of the valuable open space network. Stormwater management will promote a natural systems approach to using rain water as a resource to the extent the campus' unique hydrogeology and cliff-erosion concerns allow. The use of more native and edible plants in low maintenance, simple landscaping schemes will be encouraged along with working towards a pesticide-free regime in campus landscape maintenance.

Greener Buildings and Infrastructure

All new buildings will be designed and constructed to higher sustainability standards to reduce emissions, energy and water consumption and maintenance requirements; and improve liveability. At a minimum, new buildings and renovations must be certified at LEED® Gold (or its equivalent) and are encouraged to reach a LEED Platinum standard. In addition, all new buildings and renovations must comply with the supplementary sustainable building guidelines in *The Design Guidelines*, including minimum energy efficiency standards and water conservation. Buildings, landscapes and infrastructure will work closely together in the future as buildings begin to harvest more rainwater and energy, and water management is integrated into the landscape.

Compact Campus

Designing all new academic facilities as taller buildings with more compact footprints will use less land, protect open space and support a pedestrian and cyclist friendly campus. Focusing these new facilities in infill locations will maximize the economic and environmental benefits of shared infrastructure and reduce greenhouse gas emissions. Opportunities for sharing infrastructure and resources and reducing energy usage will be considered in the siting review for each new project and in the more detailed site planning for the mixed-use hubs.

Vibrant Campus Life

Building facilities with a mix of uses in higher densities at infill locations will create more opportunities for academic engagement and social interaction. These changes in land use, combined with having more informal learning spaces inside

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Sustainability Street

COMPACT CAMPUS

- *Uses less land*
- *Protects open space*
- *Supports walking and cycling*
- *Reduces greenhouse gas emissions*
- *Maximizes opportunities for shared infrastructure*
- *Facilitates academic engagement and social interaction*

LOCATING NEW ACADEMIC FACILITIES

- Use designated infill sites on main campus
- Consolidate smaller uses
- Use large sites for large facilities
- Reserve sites for long-term needs
- Protect land-based academic & research areas

facilities and in outdoor commons, will create a more lively campus life that contributes to building a strong sense of place, a thriving and unique community and a memorable academic experience.

New Decision Making Model

The capital planning cycle, funding mechanisms and operations and maintenance budgets for academic space, student housing and ancillary units are all different. To realize the potential synergies of co-locating these facilities in the hubs, new ways of coordinating planning, funding and operations will be developed.

3.2

WORLD-CLASS TEACHING, LEARNING AND RESEARCH

The Campus Plan provides a campus for world-class teaching, learning and research by:

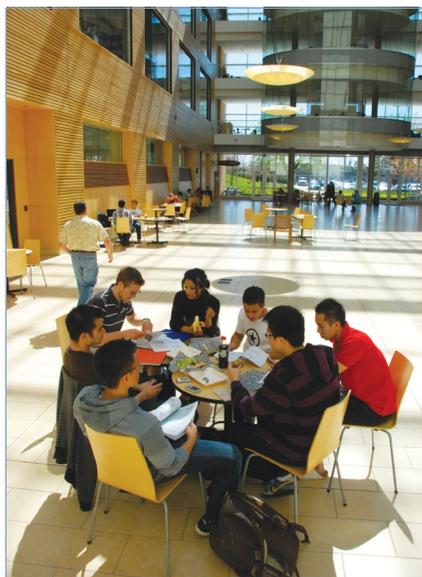
- Accommodating growth and renewal of academic and research facilities
- Fostering academic interaction between students and faculty
- Using the campus as an educational resource and a living laboratory

Accommodating Growth of Academic and Research Facilities

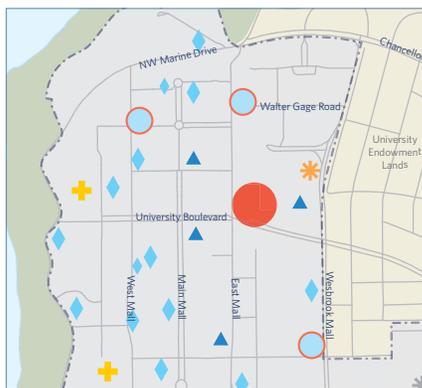
The Campus Plan recognizes the University’s academic mission is paramount, identifying sites for new or renewed teaching and research facilities over the next 20 years. These sites are indicated on **Map 1-2 Future Academic and Student Housing Locations**. Academic growth will be accommodated by locating academic facilities on designated infill sites in the main campus, consolidating smaller academic uses where possible, protecting large sites for large facilities, reserving sites for long-term academic and research needs and protecting land-based areas for teaching and research. The Siting Protocol, documented in *Part 2 Campus Plan*, will ensure academic needs are met while addressing sustainability, campus design and other objectives.

Fostering Academic Community

More opportunities for academic engagement and social interaction will be facilitated with the introduction of mixed-used hubs that combine student housing, academic support and campus life uses. These hubs, with a range of practical support and amenity uses, will be within a short walk of most academic buildings so people can regularly run into their neighbours and create academic and personal networks. These hubs are a crucial strategy in strengthening the University’s unique community life, and helping to overcome the feelings of anonymity a very large campus engenders. The University will also continue to incorporate informal learning spaces and social spaces in new and existing facilities across campus.



Students in the Life Sciences Building



Future Academic and Student Housing Locations
Map 1-2, Page 22

Campus as an Educational Resource

Learning and teaching opportunities abound outside the classroom; *The Campus Plan* policies and actions will make those opportunities tangible. For example, installing outdoor group seating facilitates teaching in the outdoor quadrangles and larger commons of the campus. Creating “Knowledge Walks” will showcase various academic and research activities in different buildings and the physical environment. Planning and managing the campus as a living lab for sustainability-related teaching, education, and research will be increasingly common and important as a strategic focus.

3.3

MORE VIBRANT AND INTERESTING

The Campus Plan supports a safe, interesting, and more vibrant campus for UBC’s community of scholars by:

- Accommodating more capacity and variety of student housing on campus
- Enlivening the campus with uses that sustain daily needs, support more activities and encourage people to gather
- Completing the heart of campus
- Creating localized centres from which students, faculty and staff can experience the larger university

More Capacity for Student Housing

More student housing on campus, and a greater variety of housing styles, will result in more affordable and convenient alternatives compared to off-campus rentals, better engagement with university life, and a strengthened academic experience. The capacity to nearly double the number of beds for all students will be provided, which translates into the capacity to house 50 per cent of full-time students. The future student housing sites are indicated on [Map 1-2 Future Academic and Student Housing Locations](#).

Enlivening the Campus

The health and wellness of the campus community will be supported through placing recreation and child care facilities within walking distance of most academic buildings. In addition, the public realm will be improved to support walking and cycling around campus.

Cultural and research venues like the Museum of Anthropology, the Chan Centre, the Botanical Gardens and the Beaty Biodiversity Museum will have special wayfinding installations and products and specialized signage to draw visitors. This strategy is part of improving the broader financial viability of those venues.

The quality and amount of lighting on campus will be improved, with an initial focus on key pedestrian corridors, to make it safer and easier to move around campus and create a more aesthetically pleasing campus at night.

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Shops and services. Photo: Javier Landaeta



Marine Drive Residences

HUBS: A MIX OF USES

- *Student housing: independent-style*
- *Academic*
- *Informal study space*
- *Recreation*
- *Child care*
- *Food and beverage services*
- *Convenience services*
- *Outdoor commons*



Chan Centre for the Performing Arts



Chan Centre for the Performing Arts

Completing the Campus Heart

The main social hub of campus will be revived by developing a new Student Union Building and an Alumni Centre on University Square, and carefully integrating these facilities and their programs into the overall development of the University Boulevard neighbourhood. Completing this neighbourhood will provide more facilities, activities, shops and services that support the needs of the campus community including evening activities.

Creating Localized Centres in Hubs

Five mixed-use hubs located in the main campus will feature independent-style student housing complemented by a range of other uses including academic, recreation, child care and services for food, socializing and daily needs. Social amenities, visible at ground level, will invite the campus community into each hub, serving the campus at large and not just the residents of the hub. Because these hubs will accommodate a range of services that meet people's daily needs, they will encourage pedestrian traffic from surrounding buildings. Over time, the hubs will connect to transit infrastructure via TransLink community shuttle stops.

3.4**REDISCOVERED SENSE OF PLACE**

The Campus Plan supports the rediscovery and celebration of the Vancouver Campus' unique sense of place and west coast beauty through the following approaches.

- Improve the design cohesiveness of buildings and landscapes
- Accentuate the natural west coast setting
- Encourage a physical quality befitting a globally significant University
- Improve the public realm

Improving Design Cohesiveness

Over time, the campus will have a more unified aesthetic because of implementing architectural and landscape design guidelines and material palettes at a campus-wide scale, with variations to recognize authentic character districts. The coherence of the campus landscape will become more apparent through signature features like paving patterns, lighting infrastructure and simpler landscape treatments. The campus grid will be reinforced through careful positioning of new buildings, and improvements to streetscapes with a particular focus on Main Mall and University Boulevard.

Accentuating the Natural West Coast Setting

The west coast setting of UBC's Vancouver campus will be featured by emphasizing the forest setting along the campus' western edge and designing

strong indoor-outdoor relationships between new buildings and their surroundings. Celebrated views will be captured through at-grade viewpoints and by strategically locating some social spaces on the upper floors of buildings and the mixed-use hubs.

Encouraging a Globally Significant University Quality

A number of significant improvements will elevate the architectural and aesthetic quality of the campus. New “gateway” facilities will be created at important intersections of the Vancouver campus to better support positive and memorable arrival experiences for students, faculty, staff, residents and visitors. Along Westbrook Mall and at other designated locations, new buildings will be of signature quality, to better represent the University to the broader community. The display of high-quality, outdoor public art in prominent locations will be encouraged.

To reinforce the societal values of higher education, ceremonial routes for special occasions on campus will be improved. In addition, the heritage buildings, artifacts and landscapes that reflect important historic and cultural themes from UBC’s past will be conserved and managed, within the constraints faced by a public research-intensive university.

Improving the Public Realm

UBC’s Vancouver campus is well known for its landscape. The most significant outdoor spaces are identified in an open space network, as indicated on [Map 1-3 Open Space Network](#). As new facilities are developed and the greenways are completed, more space can be added to the network. Implementation of the Public Realm Plan capital improvements over the next 15 years will bring renewed beauty, visibility and cohesiveness to the campus. Investment will focus on upgraded design, lighting, ample seating, water features, quality materials and accessibility improvements in the identified priority areas.

3.5

WELL-CONNECTED AND ACCESSIBLE

The Campus Plan will ensure the campus is physically well-connected and accessible, both internally for daily navigation, and externally for connections to the larger region by:

- Creating a more pedestrian and cyclist friendly campus
- Refining transit routes
- Increasing the universal physical accessibility of campus
- Improving the safety and design of roads and intersections, and keeping commuting traffic to the perimeter of the campus
- Clarifying the movement network for service and delivery vehicles

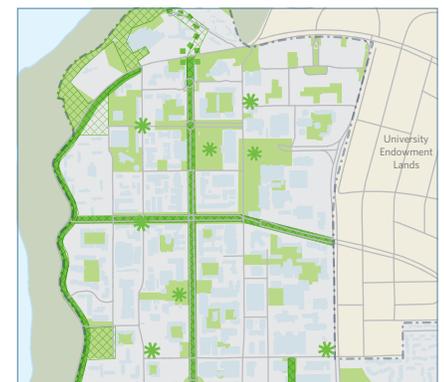
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The University's Main Mall

INVESTING IN THE PUBLIC REALM

- Upgraded landscape design
- Improved lighting
- Ample outdoor seating
- Water features in commons
- Better accessibility along paths and slopes
- Higher quality materials



Open Space Network [Map 1-3, Page 23](#)

UNIVERSAL ACCESSIBILITY

Over time, a barrier-free environment will be created on campus using the principles of universal design



Beatty Biodiversity Building walkway

An overview of the major road and pathway improvements is indicated on [Map 1-4 Road and Pathway Improvements](#).

Pedestrian and Cyclist Friendly Campus

One of the most significant improvements will be clearly delineating a pedestrian priority zone, with physical barriers like bollards at key locations to prevent unauthorized vehicle traffic. Streets bordering the pedestrian priority zone will be re-engineered to be pedestrian-shared streets. Facilities for cyclists will be enhanced with improved route mapping, pavement markings, more bicycle racks and the installation of end-of-trip cycling facilities (lockers, showers, and covered secure bicycle storage) at all mixed-use hubs and in new larger academic facilities.

Additional improvements for pedestrians include maintaining the continuity of east-west pedestrian pathways and improving weather protection at major and minor building entries, across building facades, and along well-used pedestrian routes and public spaces. Enhanced night lighting will improve personal safety and wayfinding, especially on highly used pedestrian paths and at building entries.

Refining Transit Routes

The University will continue to work with TransLink so the routing of buses provides convenient, safe and accessible service and includes more direct service to South Campus. As the hubs are developed, the University will work with TransLink to reroute community shuttle routes to service new hubs.

Increasing Universal Accessibility

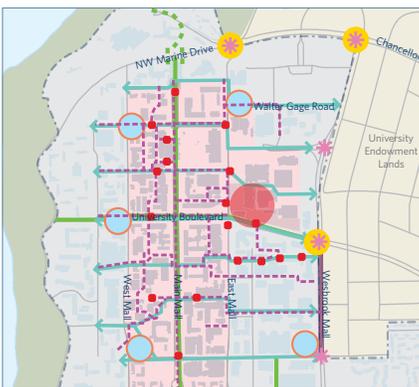
Over time, a barrier-free environment will be created on the Vancouver campus through implementing the principles of universal design, especially for entrances and access to common areas within facilities, in the capital project review process for all facilities. Universal design principles will also be integrated into upgrades of highly used pedestrian routes to achieve improved cross-campus universal access.

Improving Road Safety and Design

Safety improvements for pedestrians and cyclists and more effective wayfinding for vehicle drivers and visitors to the campus can be incorporated into the major road improvement projects. Those improvements, to be carried out with provincial authorities, include creating significant and memorable gateways at the five major entrances to campus, installing traffic signals or roundabouts at the main intersections at the edge of campus and narrowing the remaining sections of four lane roads to two lanes, as already done for portions of Westbrook Mall.

Service Vehicle Network

The campus will benefit from having a convenient, efficient and clearly defined network for the movement of service and delivery vehicles. This network will improve the ability of service and delivery vehicles to move around campus and complement the creation of a pedestrian priority zone where access by service vehicles will be for limited, authorized maintenance and security services.



Road and Pathway Improvements
Map 1-4, Page 24

4 CAMPUS PLAN POLICIES

The *Campus Plan* policies are listed below for easy reference. In *Part 2 Campus Plan*, the policies are organized under the following categories, with explanatory text and reference maps:

- Sustainability
- Campus Land Use
- Public Realm and Open Space
- Movement and Circulation
- Infrastructure and Utilities
- Campus Character

UBC's Board of Governors, through powers conferred by *The University Act*, is responsible for managing the University's property and facilities. The Boards' authority is described in UBC Policy 92, Land Use and Permitting. *The Campus Plan*, along with UBC's *Land Use Plan* and associated documents, details the goals, policies and procedures regarding land use.

4.1 SUSTAINABILITY

Policy 1 The Campus Plan, building on the University's significant achievements in sustainability, will deliver continuous improvements in sustainable land use, buildings, infrastructure and landscape over time, and encourage systems-based integration of these elements as part of using the campus as a living laboratory for sustainability solutions and innovation. Sustainability principles underpin the plan's policies and will inform its implementation.

Policy 2 UBC will use its land resource sustainably and develop a denser, compact form through infill and taller buildings to avoid sprawl, improve walkability, strengthen social connections and reserve land for open space and future academic needs.

4.2 CAMPUS LAND USE

ACADEMIC

Policy 3 New known academic facilities will be located on designated near-term infill sites, as shown on Map 2-1, Teaching, Learning and Research Land Use.

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Wesbrook Stormwater

The maps that are referenced in the policies are found in *Part 2 Campus Plan*.



Life Sciences Building, a LEED Gold Building

Policy 4 *Large sites will be protected in their entirety for the future development of significant teaching, learning and research facilities. Academic projects with smaller space needs will be encouraged to locate within the mixed-use hubs or to co-locate with other smaller projects in one facility.*

Policy 5 *When older facilities are being assessed for their renewal potential, they will also be assessed for their potential as redevelopment sites.*

Policy 6 *The Long Term Academic Infill development sites, shown on Map 2-1, Teaching, Learning and Research Land Use, will be reserved for academic projects that are identified in the future.*

Policy 7 *Siting of all new academic and ancillary buildings and facilities on campus will follow the Siting Protocol in Part 2 Campus Plan.*

Policy 8 *The current locations of Botanical Gardens, Nitobe Gardens, and Thunderbird Fields, as shown on Map 2-1 Teaching, Learning and Research Land Use, will be retained in current uses to meet academic and university varsity and recreation needs.*

Policy 9 *The BioScience Reserve in South Campus and the south half of Totem Field will be retained for land-based research and teaching projects. In addition, the research precinct in South Campus will be reserved for specialized research activities.*

Policy 10 *Existing operational support services in South Campus will be gradually relocated from academic areas and consolidated into the southern tip, as academic demand intensifies.*

Policy 11 *Opportunities to maximize the amount of informal learning spaces will be pursued as new facility and public realm projects are developed, as appropriate within the scope and context of each project.*

STUDENT HOUSING

Policy 12 *The capacity to house 50 per cent of full-time students on campus will be maintained.*

Policy 13 *New student housing will be provided by creating more spaces in the form of traditional residences, student family housing and independent-style living units, as shown on Map 2-2 Student Housing Land Use, with delivery determined through related business planning processes.*

RECREATION AND CHILD CARE

Policy 14 *The completion of current recreation facility improvements identified in the Athletics and Recreation capital plans that were approved as of 2009 will be accommodated in Thunderbird Fields and the Student Recreation Centre*



Marine Drive Residences

locations. In addition, capacity will be provided in the hubs to distribute smaller fitness and recreation facilities across campus. The future of Thunderbird Stadium may be reviewed depending on changes being considered for the Varsity program.

Policy 15 Sites and capacity in the hubs will be provided to support the expansion of child care facilities that are identified in the UBC Child Care Expansion Plan (2009).

MIXED-USES AND HUBS

Policy 16 The University Boulevard Neighbourhood will continue to be developed as the heart of UBC's Vancouver campus, with a focus on the community of scholars.

Policy 17 Mixed-use hubs, featuring independent-style student housing, child care, recreation facilities, food services and social space, and appropriate academic uses will be developed at the sites identified on Map 2-2 Student Housing Land Use to foster social interaction and provide needed support services within a short walk of all academic precincts.

4.3 PUBLIC REALM AND OPEN SPACE

PUBLIC REALM

Policy 18 The public realm will be improved to better reflect the stature of the University, through the implementation of the UBC Vancouver Public Realm Plan (2009), and will integrate outdoor teaching and learning spaces, Knowledge Walks and interpretative gardens and landscapes to improve academic use of these areas.

UNIVERSAL ACCESSIBILITY

Policy 19 A barrier-free environment will be created on the Vancouver campus over time, based on the principles of universal design.

Policy 20 Modifications to heritage resources will be supported where such changes improve accessibility to older facilities and landscapes.

OPEN SPACE

Policy 21 The open space network for UBC's Vancouver campus, identified in Map 2-3 Open Space Network, will balance the effect of infill in the campus core and host outdoor informal learning spaces, places to nurture the physical and mental health of the campus community, routes for non-motorized transportation and spaces for ecosystem services such as stormwater management.

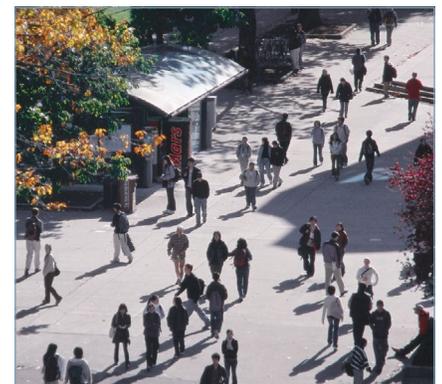
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Oak Bosque



Learners' Walk



Main Mall

DISCOVERING A SENSE OF PLACE

- Improving design cohesiveness
- Accentuating UBC’s natural west coast setting
- Encouraging a globally significant University quality
- Improving the public realm

4.4 MOVEMENT AND CIRCULATION

PEDESTRIAN AND CYCLIST FRIENDLY CAMPUS

Policy 22 *The destinations for vehicles travelling to campus will be located at the perimeter of the campus, in structured parkades or below-grade parking facilities, with the exception of vehicles with disabled access privileges. Surface parking lots will be discontinued over time, through their use as future building sites or for other interim uses such as recreational areas.*

Policy 23 *Vehicular access in the pedestrian priority zone, defined on Map 2-6 Getting Around UBC, will be limited to emergency and security vehicles and vehicles with disabled access privileges. Existing roads in this zone will be re-engineered over time to emphasize the pedestrian nature of the area.*

Policy 24 *Roadways between the pedestrian priority zone and the campus perimeter will be re-engineered over time to be “shared streets” that better balance walking, cycling and other individual modes of travel with service vehicle access. Commuter vehicle use of these shared streets will be discouraged.*

Policy 25 *The continuity of routes for the east-west pedestrian pathways indicated on Map 2-7 Road and Pathway Improvements will be maintained to strengthen pedestrian access through the campus.*

Policy 26 *Cycling facilities on campus will be improved with better route mapping and wayfinding, increased secure storage facilities and increased end-of-trip facilities as identified in the Transportation Plan.*

Policy 27 *The University will work with the campus community, TransLink, and the provincial government to create permanent trolley and diesel bus facilities, and the future rapid transit station, close to the University Boulevard Neighbourhood. The facilities will be safe, accessible, weather protected, convenient and attractive. The University will also work with TransLink on increasing and revising the routes of community shuttle services to better fit with the evolving campus structure and transit demand.*

Policy 28 *The University will work with provincial authorities to implement traffic management initiatives at locations identified on Map 2-7 Road and Pathway Improvements with the purpose of reducing speeds and accidents and improving wayfinding.*

Policy 29 *Service vehicles will use the servicing routes identified on Map 2-8 Service Access. Use of service routes inside the pedestrian priority zone will require authorization from the Managing Director of Building Operations.*



Main Mall



West Mall

Policy 30 *The University will seek to accelerate improvements to the campus wayfinding system with a priority for cultural venues on campus.*

Policy 31 *Signage on campus will be dignified and cohesive, and will comply with The UBC Sign Standards and Guidelines.*

Policy 32 *Lighting on campus will be improved with particular attention to improved night lighting for safety and security and to enhanced lighting for special features on campus such as ceremonial walkways.*

4.5 INFRASTRUCTURE AND UTILITIES

EXISTING INFRASTRUCTURE

Policy 33 *All roadways, including sidewalks, will be protected as below-grade utility corridors for the distribution of steam, hot water, electricity, natural gas, communications, water and future technologies and the collection of sewage and stormwater. New or replacement utility and infrastructure works must be located in these corridors.*

Policy 34 *The impact of waste storage containers on campus circulation and aesthetics will be minimized through right-sizing infrastructure, managing locations, implementing standards for screening and other mechanisms.*

Policy 35 *The sponsors of new facilities are responsible for providing UBC with as-built drawings for campus utility infrastructure, which comprises potable water, sewer, stormwater and power (electrical, natural gas, steam, hot water) utilities.*

Policy 36 *Campus and Community Planning will maintain updates to the Campus Master Servicing Plans, including plans for future servicing upgrades.*

SUSTAINABLE PRACTICES

Policy 37 *At the pre-design stage, project proponents will be expected to evaluate alternative energy sources, including the waste heat sources indicated in Map 2-9 Potential Waste Heat Sources and demand side management strategies to minimize consumption of thermal and electrical energy.*

Policy 38 *Each new mixed-use hub will undertake an energy management study which will include heat recovery and heat sharing options, along with alternative energy supplies and small district systems, as part of the feasibility and design process.*

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Sustainability Street

An overview of the major road and pathway improvements is indicated on [Map 1-4](#).

Part 3 Design Guidelines will inform, coordinate and regulate project design to ensure the campus character is reflective of a globally significant University.

Policy 39 To the extent that the unique hydrogeology and cliff-erosion concerns of UBC’s Vancouver Campus allow, stormwater management strategies will incorporate a natural systems approach in managing runoff volume to mitigate downstream impacts.

Policy 40 Land use requirements for Campus as a Living Laboratory projects will be supported, and sponsors will be encouraged to design these projects in ways that increase their visibility and transparency to the campus community.

4.6 CAMPUS CHARACTER

DESIGN STRATEGIES AND GUIDELINES

Policy 41 All new facilities, renovations, additions and public realm improvements must follow the Design Guidelines for UBC’s Vancouver campus to improve the cohesiveness of the campus built form and landscape, to accentuate UBC’s sense of place and natural west coast beauty and to realize a campus quality and stature befitting a globally significant University.

HERITAGE CONSERVATION

Policy 42 The heritage resources management strategies in Part 2 Campus Plan will be used in assessing future development proposals on UBC’s Vancouver campus.

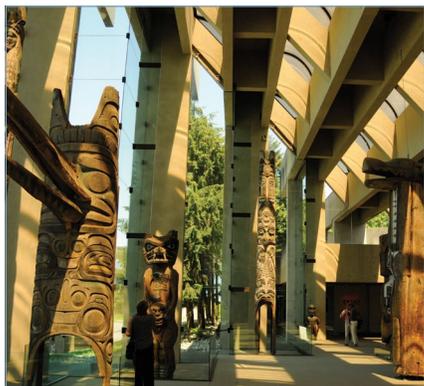
Policy 43 Heritage resources identified on Maps 2-10, 2-11, and 2-12 in Part 2 Campus Plan embody cultural meaning to the campus community and shall be retained where viable, as determined by comparing the costs, functionality, campus fit, and ecological and heritage impacts of retention versus replacement; the depth of analysis will be scaled to the significance of the resource.

OUTDOOR PUBLIC ART

Policy 44 The acquisition and installation of outdoor public art on UBC’s Vancouver campus will be encouraged and will follow the requirements and procedures in the Outdoor Public Art Protocol, in Part 2 Campus Plan including the siting locations identified in Map 2-13, Outdoor Public Art and Commemoration Locations.



Koerner Library



Museum of Anthropology

The Outdoor Public Art Protocol in Part 2, section 7.3 supports an expanded high-quality collection to enhance the beauty and interest of Vancouver’s campus.

5 IMPLEMENTING THE PLAN

The Campus Plan policies and associated design guidelines provide a decision-making framework for the Board of Governors, the Administration and their representatives to carry out their responsibilities for managing the University's property and facilities.

Policy 45 The Campus Plan will be implemented by integrating the Plan's policies with other University initiatives; by reviewing capital projects, infrastructure works, signage and public art projects in a permitting process that ensures each project contributes to the Plan's objectives; by strategic investments; and by ongoing monitoring and reporting on progress.

5.1 PROJECT REVIEWS AND APPROVALS

In project review and permit approval processes, projects are assessed against *The Campus Plan* objectives and policies and discussed with other departments and relevant decision making committees. All capital projects initiated by specific academic departments, ancillary units or third party leaseholders are required to go through these processes and secure the following permits from Campus and Community Planning.

Consistent with Board of Governors' Policy 92: all new facilities, major structural renovations and outdoor public art projects require a Development Permit. Following the issuance of a Development Permit, all new structures require a Building Permit. New utility infrastructure, landscape alterations, road and pathway improvements require a Street and Landscape or Excavation Permit. All exterior wayfinding, interior wayfinding and commercial, temporary and other signage on campus must follow The UBC Sign Standards and Guidelines to ensure campus signage is consistent and reflects UBC's visual identity and obtain a permit authorizing signage installation.

5.2 STRATEGIC INITIATIVES

Improving the quality and design of the public realm on the Vancouver campus and creating vibrant mixed-use hubs are two examples of strategic initiatives that will advance the implementation of this Plan.

Public Realm Plan

This phased \$46 million, 15-year planning and investment strategy, will be used to improve the quality of priority areas, including Main Mall, large and small commons, pathways and gateways. For more detail, see the *UBC Vancouver Public Realm Plan* (2009) available from Campus and Community Planning.

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Irving K. Barber Learning Centre



Green space near Main Mall

New Development Model for Hubs

To enable projects comprising student housing, academic, and academic support and convenience services to proceed in the mixed-use hubs, collaborative partnerships will be crucial. The University's administrative and ancillary units will need to collaborate on the timing, funding, and delivery of these important projects. Before each hub is developed, relevant studies will be completed to provide detailed sustainability and design guidance.

5.3

COORDINATED OPERATIONS

An important aspect of implementing *The Campus Plan* is to integrate its vision, policies and design guidelines with ongoing operational activities on the Vancouver campus. The University Architect and Landscape Architect in collaboration with Building Operations will develop an ongoing program of design stewardship to coordinate the Plan's Design Guidelines with operations and maintenance activities.

5.4

PLAN MONITORING AND AMENDMENTS

A monitoring report, documenting implementation activities and assessing the Plan's effectiveness, will be provided to the Board of Governors on a two-year cycle. After 10 years, Campus and Community Planning will undertake a comprehensive review of *The Campus Plan*, involving consultation with the campus community.

Amendments to *The Campus Plan* require Board of Governors approval. Adjustments may arise from the monitoring program or new and unforeseen proposals. The campus community will have the opportunity to comment on significant changes to *The Campus Plan*.

MAP 1-1 Context



- UBC Vancouver Campus Boundary
- Vancouver Campus Plan Area
- Neighbourhood Housing/Special Plan Areas (excluded)
- Provincial Roads
- Pacific Spirit Regional Park
- Provincial Ecological Reserve (not open to public)

N

0 150 300m

October 2013

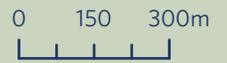
MAP

1-2

Generalized Future Academic and Housing Locations

-  Campus Heart
-  Mixed-use + Student Housing Commons
-  Potential Commons
-  Academic Infill Sites - Known Projects
-  Academic Infill Sites - Not Assigned
-  Student Residence Infill
-  Student Family Housing
-  Independent Living
-  Family Housing

-  UBC Vancouver Campus Boundary
-  Vancouver Campus Plan Area
-  Neighbourhood Housing/Special Plan Areas (excluded)



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MAP

1-3

Open Space Network

Existing

 Commons, Plazas, and Natural Areas

 Green Academic

 Greenways and Green Edges

Future Additions

 Commons and Plazas

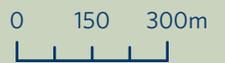
 Greenway

 UBC Vancouver Campus Boundary

 Vancouver Campus Plan Area

 Institutional Building Footprints

 Neighbourhood Housing/Special Plan Areas (excluded)



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MAP 1-4

Road and Pathway Improvements

- Pedestrian Priority Zone
- East-West Pedestrian Routes
- Bollards
- Pathway Improvements
- Potential 4 Lanes Reduced to 2 Lanes
- Intersection Improvements
- Gateways
- Campus Heart
- Mixed-use Commons
- Existing Greenway
- Future Greenway

- UBC Vancouver Campus Boundary
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a place of mind
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