



Pacific Institute *for the*  
Mathematical Sciences

# GRADUATE MATHEMATICAL MODELLING IN INDUSTRY

## Program

August 7-13, 2016



The University of British Columbia  
Earth Sciences Building (ESB)  
2207 Main Mall, Vancouver

# Getting Started

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**Get connected:** Select the "ubcvisitor" wireless network on your wireless device. Open up a web browser, and you will be directed to the login page.

## FAQs

### **Q: Where do I check in on the first day?**

Check-in and package pick up can be done in the Atrium.

### **Q: Where are the sessions?**

- All main sessions will be in the **Earth Sciences Building Room 2012**.
- You will find a copy of the building floor on page 3 and a campus map at the end of the program.

### **Q: Will the program change?**

Program changes and updates will be announced at each session.

### **Q: When should I wear my badge?**

Please wear your name badges at all times on site so that PIMS Staff recognize you as a guest.

### **Q: Where can I go for help on site?**

If you need assistance or have a question during the conference, please feel free to talk to one of the organizers.

### **Q: Where can I get refreshments and meals?**

For snacks or quick meals, please view the list of UBC eateries attached at the end of the program.

### **Q: Where can I get directions for campus and the building?**

You will find a copy of the building floor on page 3 and a campus map at the end of the program.

### **Q: Where can I get a cab to pick me up from the Venue?**

You can call Yellow Cab (604-681-1111) and request to be picked up at the intersection of West Mall and Bio. Sciences Road. Use the south entrance and walk straight down to the intersection.

*There will be photography throughout this event. PIMS' event photography is used across a variety of our communications platforms including web, print and electronic promotional materials. If, for any reason, you wish not to have your photo taken or used in this manner, please contact the event organizers.*

# Conference Room Guide:

All Main Sessions: ESB 2012



\*\* Not drawn to scale. See detailed UBC map on the last page

## General Travel Directions:

**Airport to UBC:** Easiest by taxi (25min, around \$30). By public transport, take the Canada Line (rail) to Broadway-City Hall station. From Broadway-City Hall station, cross Broadway and Cambie streets to get to the #99 UBC bus stop in front of London Drugs. Tickets (valid for the whole journey to UBC) can be purchased from the machine in the airport station. Cost: approximately \$6. Journey time: Circa more than 1 hour

**UBC Bus Loop to Earth Science Building (ESB) 2207 Main Mall:** A quick 10min walk. See UBC map. Head west past the student union building, cross East Mall and get onto Main Mall. Turn left (South) on Main Mall and Earth Science Building will be on your right after a few minutes. It is a large new building, and is on Main Mall directly across from the Beatty Biodiversity Centre and prominent blue whale skeleton.

**Public Transit:** Feel free to search and plan your public transport rides by visiting <http://www.translink.ca/>, where directions, ticket costs and bus schedules are indicated.

**Parking at UBC:** <https://parking.ubc.ca/find-parking> . UBC Map <http://www.maps.ubc.ca/PROD/images/pdf/ubcmap.pdf>

# Schedule

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## Sunday Aug 7

3:00pm Onwards	Arrival and check-in to residences
5:30pm - 7:00pm	Meet and greet at Mahoney and Sons Pub: 5990 University Blvd (UBC campus)

## Monday, Aug 8

8:30am - 9:00am	Registration (Earth Sciences Building, UBC)
9:00am - 9:15am	Welcome from Pacific Institute for the Mathematical Science
9:15am - 10:20am	Project descriptions by mentors (20 minutes each)  Team 1 - <i>Stochastic modelling for hydro-electric reservoir management</i> . Fabian Bastin, UMontreal Team 2 - <i>Variable selection problem and statistical prediction for an industrial reactor</i> . Derek Bingham, SFU Team 3 - <i>Growth of nanoparticles for industrial production</i> . Tim Myers, CRM-Spain
10:20am - 10:50am	Coffee Break (ESB 2012 Lobby)
10:50am - 11:50am	Continued: Project descriptions by mentors (20 minutes each)  Team 4 - " <i>This party is too big, folks</i> " - <i>Setting room capacities for safety</i> . Nilima Nigam, SFU Team 5 - <i>Modelling the performance of rechargeable Li-Ion batteries</i> . Brian Wetton, UBC Team 6 - <i>Modelling and optimisation of traffic light systems</i> . Chris Budd, Bath-UK
11:50am - 12:00pm	Instructions for afternoon / week
12:00pm - 1:00pm	Lunch (See list of on campus eateries after page 6 and online at <a href="http://www.food.ubc.ca/feed-me/">http://www.food.ubc.ca/feed-me/</a> )
1:00pm - 2:30pm	Workshops - Using R on Jupyter & Using Python/Julia on Jupyter
2:30pm - 5:00pm	Start work on projects (Rooms listed on page 8)
5:00pm onward	Free evening/ Work on projects as per group preference

## Tuesday, Aug 9

8:30am - 10:00 am	Workshop with Chris Budd (Bath)
10:00am - 10:30am	Coffee Break (ESB 2012 Lobby)
10:30am - 12:00pm	Work in teams (Team 4 to Chan Centre)
12:00pm - 1:00pm	Lunch
1:00pm - 5:00pm	Work in teams
5:00pm onward	Free evening/ Work on projects as per group preference

### **Wednesday, Aug 10**

8:30am - 12:00pm	Work in teams
12:00pm - 1:00pm	Lunch
1:00pm - 3:00pm	Work in teams
3:00pm - 3:45pm	Presentation of Progress Reports (15 minutes each) Team 4-6
3:45pm - 4:15pm	Coffee Break (ESB 2012 Lobby)
4:15pm - 5:00pm	Continued: Presentation of Progress Reports (15 minutes each) Team 1-3
5:00pm onward	Free evening/ Work on projects as per group preference

### **Thursday, Aug 11**

8:30am - 2:30pm	Work in teams
2:30pm - 3:00pm	Meet at UBC Computer Science Building at 2:30pm sharp (and proceed to TRIUMF)
3:00pm - 4:30pm	TRIUMF Tour, 4004 Wesbrook Mall
4:30pm onward	Free evening/ Work on projects as per group preference

### **Friday, Aug 12**

8:30am - 5:00pm	Work in teams
5:00pm onward	Meet-up for Pizza (ESB Magma Café); Free evening/ Work on projects as per group preference

### **Saturday, Aug 13**

9:00am - 10:00am	Final presentations, by team members (20 minutes each) Team 1- 3
10:00am - 10:30am	Coffee Break (ESB 2012 Lobby)
10:30am - 11:30am	Continued: Final presentations, by team members (20 minutes each) Team 4- 6
11:30am - 12:00pm	Wrap-up and departures

**Event Survey:** Participants are requested to fill in the anonymous event evaluation survey here: <https://goo.gl/6yWgls>.

# Teams and Participant List

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## Project 1:

**Mentor: Fabian Bastin - University of Montreal**

### Stochastic modelling for hydro-electric reservoir management

- |    |                   |                                |
|----|-------------------|--------------------------------|
| 1. | Clifford Allotey  | University of Manitoba         |
| 2. | Md Ismail Hossain | University of Manitoba         |
| 3. | Farzaneh Jannat   | University of Manitoba         |
| 4. | Chong Liu         | University of Windsor          |
| 5. | Weifei Ouyang     | Shanghai Jiao Tong University  |
| 6. | Geoffrey Roeder   | University of British Columbia |
| 7. | Clint Seinen      | University of Victoria         |

## Project 2:

**Mentor: Derek Bingham - Simon Fraser University**

### Variable selection problem and statistical prediction for an industrial reactor

- |    |                    |                                |
|----|--------------------|--------------------------------|
| 1. | Aaron Berk         | University of British Columbia |
| 2. | Grace Hsu          | University of British Columbia |
| 3. | Maryam Mojalal     | Western University             |
| 4. | Yi Sui             | Simon Fraser University        |
| 5. | Elaheh Torkashvand | University of Manitoba         |
| 6. | Jun Yang           | University of Toronto          |
| 7. | Li Zhang           | University of Alberta          |
| 8. | Mathieu Chalifour  | University of Alberta          |

## Project 3:

**Mentor: Tim Myers - Centre de Recerca Matemàtica, Spain**

### Growth of nanoparticles for industrial production

- |    |                     |                                |
|----|---------------------|--------------------------------|
| 1. | Faisal Atakora      | University of Manitoba         |
| 2. | Laurent Charette    | University of British Columbia |
| 3. | Farid Gassoumov     | York University                |
| 4. | Sana Keita          | University of Ottawa           |
| 5. | Christopher Kennedy | University of Toronto          |
| 6. | Faizan K.Mohsin     | University of Toronto          |
| 7. | Adam Mauskopf       | York University                |
| 8. | Subhendu Paul       | Memorial University            |

#### **Project 4:**

**Mentor: Nilima Nigam - Simon Fraser University**

**"This party is too big, folks" - Setting room capacities for safety.**

- |    |                      |                               |
|----|----------------------|-------------------------------|
| 1. | Jeremy Budd          | University of Cambridge       |
| 2. | David Collins        | University of Victoria        |
| 3. | Qiwei Feng           | University of Manitoba        |
| 4. | Yujie Jiao           | Shanghai Jiao Tong University |
| 5. | France Paquet-Nadeau | Simon Fraser University       |
| 6. | Fahmida Yeasmin      | University of Calgary         |
| 7. | Liming Yin           | Shanghai Jiao Tong University |
| 8. | Maryam Zarrinderakht | Simon Fraser University       |

#### **Project 5:**

**Mentor: Brian Wetton - University of British Columbia**

**Modelling the performance of rechargeable Li-Ion batteries**

- |    |                        |                              |
|----|------------------------|------------------------------|
| 1. | Md Abdus Samad Bhuiyan | Memorial University          |
| 2. | Hatef Dastour          | University of Calgary        |
| 3. | Mohammad A. Hossain    | Simon Fraser University      |
| 4. | Zhenhua Lin            | University of Toronto        |
| 5. | Raed Marabeh           | University of Saskatchewan   |
| 6. | Helena Ribera Ponsa    | Centre de Recerca Matemàtica |
| 7. | Sebastian Dominguez    | Simon Fraser University      |

#### **Project 6:**

**Mentor: Chris Budd - University of Bath, UK**

**Modelling and optimisation of traffic light systems**

- |    |                         |                                     |
|----|-------------------------|-------------------------------------|
| 1. | Kody Crowell            | Acadia University                   |
| 2. | Xinyi Zhang             | University of Toronto               |
| 3. | Philippe Gaudreau       | University of Alberta               |
| 4. | Caio De Naday Hornhardt | Memorial University of Newfoundland |
| 5. | Helen Samara Dos Santos | Memorial University                 |
| 6. | Meghan Hall             | University of Victoria              |
| 7. | Negin Pasban Roozabhani | University of Manitoba              |
| 8. | Xinyu Chen              | University of British Columbia      |
| 9. | Parinaz Salari Sharif   | Simon Fraser University             |

**MMI Graduate Assistant: Bamdad Hosseini, Simon Fraser University**

# Meeting Rooms

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<b>Team</b>	<b>Regular meeting Room (8-5pm Weekdays)</b>	<b>Afterhours Meeting Room (5pm- 10pm )</b>
<b>Project 1: Mentor: Fabian Bastin</b>	ICCS 011	Scarfe 1021
<b>Project 2: Mentor: Derek Bingham</b>	ESB 4127	Scarfe 1022
<b>Project 3: Mentor: Tim Myers</b>	ICCS 011	Scarfe 1023
<b>Project 4: Mentor: Nilima Nigam</b>	ICCS x350	Scarfe 1024
<b>Project 5: Mentor: Brian Wetton</b>	ESB 4105	Scarfe 204A
<b>Project 6: Mentor: Chris Budd</b>	ICCS x350	Scarfe 210





## On-Campus Dining at the University of British Columbia

### Student Union Building (1)

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**Subway** Mon – Fri 7:30am-2pm

**Starbucks** Mon – Fri 7:30am-6pm, Sat 8:30am-3pm

### University Village (2)

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University Village has many take out and dine in options; diner-style breakfasts, coffee shops, pizza by the slice, bubble tea, a full-service sushi restaurant, a small grocer selling fresh produce and assorted goods, as well as an international food court

Blenz Coffee	Booster Juice	Mio Japan	Granville Island Produce
McDonalds	Pearl Fever Tea House	FreshSlice Pizza	One More Sushi
Only U Café	Starbucks	Pita Pit	Vera's Burger Shack
Subway	Red Burrito	Well Tea	5 Tastes Chinese Bistro
Suga Sushi Japanese	Oven Fresh Bakery	A&W	International Food Court

### Wesbrook Village (3)

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Wesbrook Village, located on south campus, offers shops, services and homes within a quaint, pedestrian-friendly setting, with access to Pacific Spirit Park and all the amenities of the UBC campus.

#### Save-On-Foods

Large grocery store with a deli and small café

#### Chef Hung Taiwanese Beef Noodle

Noodles, soups, rice dishes, and sides

#### Jugo Juice

Fresh fruit smoothies

#### BierCraft

Craft pub with a French-inspired Bistro menu.

#### Menchie's Frozen Yogurt

Frozen yogurt and sorbet bar

#### Togo Sushi

Fresh sushi made to order

#### Blenz

Coffee shop

#### Doughgirls Comfort Kitchen + Bakeshop

Fresh made bread and pastries.



m.ubc.ca

### UBC Campus Food Trucks

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#### Hungry Nomad

The original UBC food truck!

#### Roaming Bowl

Fresh made Asian noodle and rice bowls

#### The Dog House

The home of the West Coast hot dog

### The Nest

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The Nest, located on the new University Square beside the Student Union Building, will offer AMS owned and operated restaurants and shops for the summer of 2015!

#### Perch

Uppercase

Pier<sup>2</sup> Pizza

Flip Side

Qoola Frozen Yogurt Bar

#### Peko Sushi

Palate

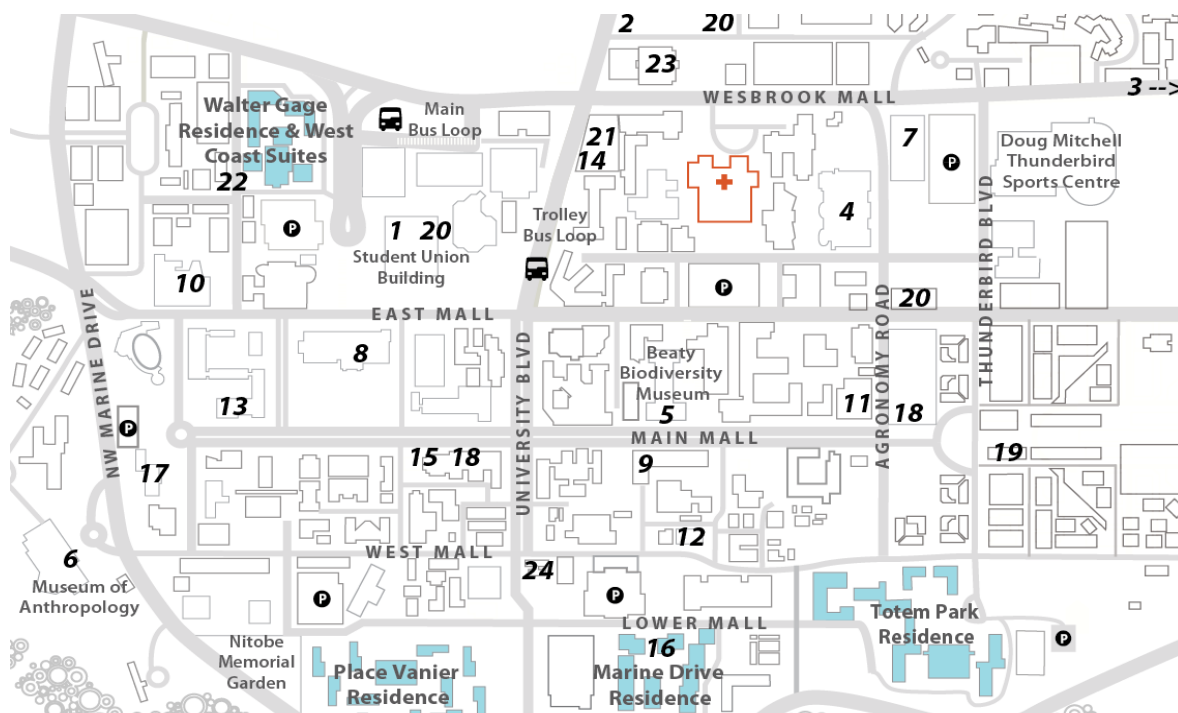
The Pit

Grand Noodle Emporium

The Delly



## On-Campus Dining at the University of British Columbia



### Full-Service Restaurants

#### Mahoney & Sons Public House (14)

Irish-style pub serving salads, appetizers, pizzas, and a sampling of classic pub fare

#### The Point Grill (16)

Burgers and sandwiches, salads, local seafood, and an outdoor patio to enjoy the sun

#### Triple O's (15)

Dine in or take out - breakfast sandwiches, beef, chicken, and veggie burgers, and milkshakes

#### Sage (17)

Healthy, modern West Coast cuisine paired with breathtaking views.

#### Mercante (24)

Authentic Cucina Italiana, stone oven Italian pizza, salads, pasta, soups and desserts

### Coffee Shops

#### Tim Hortons (18)

#### Bean Around the World (19)

#### Starbucks (20)

#### The Boulevard Coffee Roasting Co (21)

#### Great Dane Coffee (22)

#### The Well Café (23)

### Quick-Service Cafés

These cafés, located in convenient spots across campus, offer a range of snacks and lunch items, including soups, sandwiches, salads, and a variety of hot dishes

#### Caffe Perugia (4)

#### Niche Café (5)

#### Café MOA (6)

#### Pharmacy Café (7)

#### Ike's Café (8)

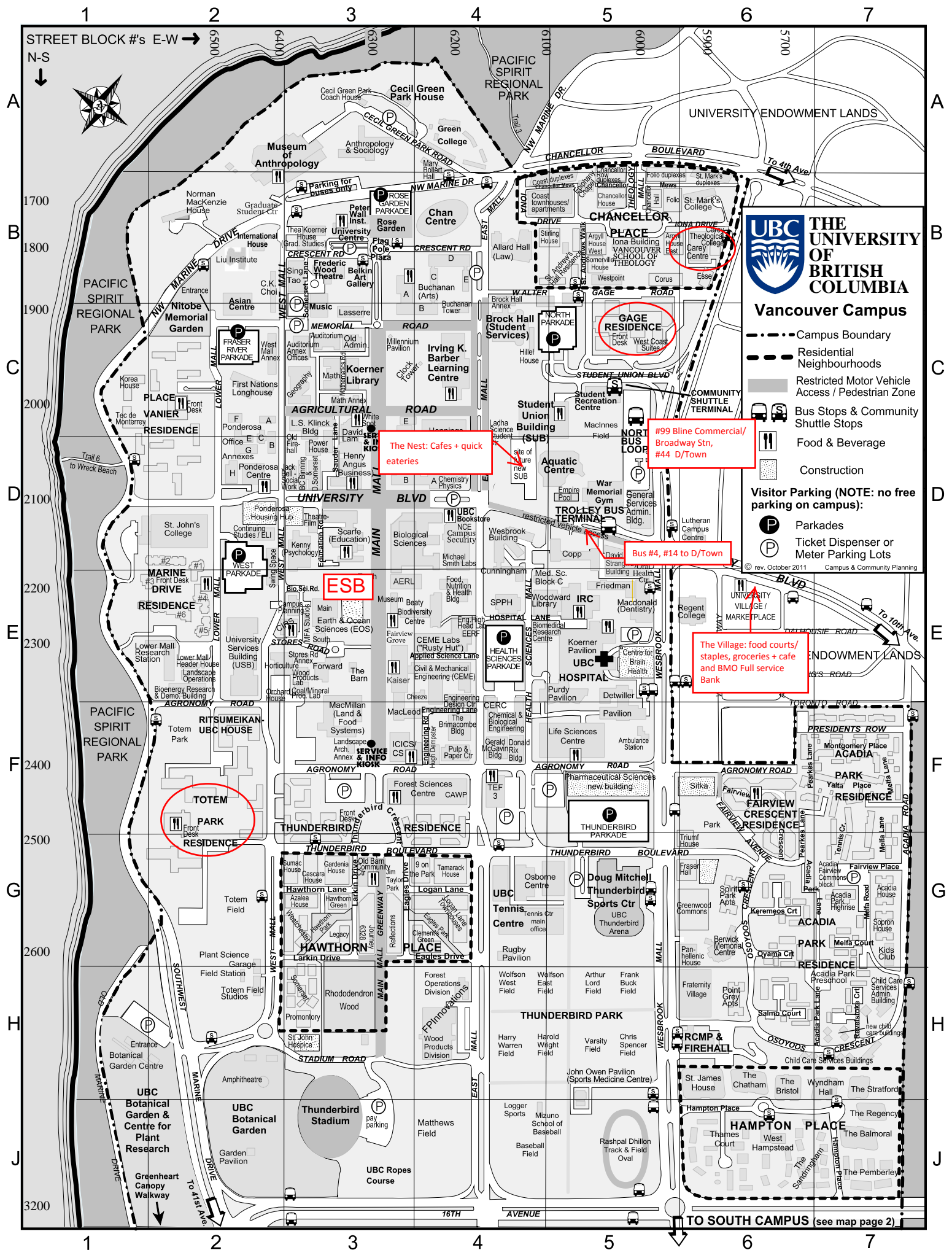
#### Magma Café (9)

#### Law Café (10)

#### Reboot Café (11)

#### The Loop Café (12)

#### Stir It Up Café (13)



### Vancouver Campus

- Campus Boundary
- Residential Neighbourhoods
- Restricted Motor Vehicle Access / Pedestrian Zone
- Bus Stops & Community Shuttle Stops
- Food & Beverage
- Construction
- Visitor Parking (NOTE: no free parking on campus):
  - Parkades
  - Ticket Dispenser or Meter Parking Lots

© rev. October 2011 Campus & Community Planning

# Map Directory

Site or Building Name & Address	Grid
Abdul Ladha Science Student Ctr, 2055 East Mall .....	D4
Acadia/Fairview Commonsblock, 2707 Tennis Cres .....	G7
Acadia House, 2700-2720 Acadia Rd. ....	G7
Acadia Park Residence .....	F/H-6/7
Acadia Park Highrise, 2725 Melfa Rd. ....	G7
Acadia Park Preschool, 2750 Acadia Park Lane .....	H7
Allard Hall [Faculty of Law], 1822 East Mall .....	B4
Anthropology & Sociology Bldg, 6303 NW Marine Dr .....	A3
Aquatic Centre, 6121 University Blvd .....	D5
Aquatic Ecosystems Research Lab (AERL), 2202 Main Mall .....	E3
Asian Centre, 1871 West Mall .....	B2
Auditorium (a.k.a. "Old Auditorium"), 6344 Memorial Rd .....	C3
Auditorium Annex Offices, 1924 West Mall .....	C3
Barn (daycare), 2323 Main Mall .....	E3
B.C. Binning Studios (formerly Hut M-17), 6373 University Blvd .....	D3
Beaty Biodiversity Centre & Museum, 2212 Main Mall .....	E3/4
Belkin (Morris & Helen) Art Gallery, 1825 Main Mall .....	B3
Berwick Memorial Centre, 2765 Osoyoos Cres. ....	G6
Bioenergy Research & Demonstration Bldg., 2337 Lower Mall .....	E2
Biological Sciences Bldg [Science Faculty office], 6270 University Blvd .....	D3
Biomedical Research Ctr, 2222 Health Sciences Mall .....	E4
Biotechnology Laboratory, 2125 East Mall .....	D4
Bollert (Mary) Hall, 6253 NW Marine Dr .....	A4
Bookstore, 6200 University Blvd .....	D4
Botanical Garden Centre/Gatehouse, 6804 SW Marine Dr .....	H1
Botanical Garden Pavilion (enter at Gatehouse, 6804 SW Marine Dr) .....	J2
Botan. Gard. Greenhouses/ Workshops, 6088 S. Campus Rd .....	South Campus
Brimacombe Building, 2355 East Mall .....	F4
<b>BROCK HALL: Student Services &amp; Welcome Centre, 1874 East Mall .....</b>	<b>C4</b>
Brook Hall Annex, 1874 East Mall .....	C4
Buchanan Building (Blocks A, B, C, D, & E) [Arts], 1866 Main Mall .....	B3/4
Buchanan Tower, 1873 East Mall .....	C4
C.K. Choi Building for the Institute of Asian Research, 1855 West Mall .....	B2
Campus & Community Planning, 2210 West Mall .....	E3
Campus Security, 2133 East Mall .....	D4
Carey Centre, 5920 Iona Drive .....	B6
Carey Theological College, 1815 Wesbrook Mall .....	B6
CAWP (Centre for Advanced Wood Processing), 2424 Main Mall .....	F4
Cecil Green Park Coach House, 6323 Cecil Green Park Rd .....	A3
Cecil Green Park House, 6251 Cecil Green Park Rd .....	A3
CEME — see <i>Civil &amp; Mechanical Engineering Building</i>	
Centre for Comparative Medicine, 4145 Wesbrook Mall .....	South Campus
Centre for Interactive Research on Sustainability (CIRS), 2260 West Mall .....	E3
CERC (Clean Energy Research Ctr), 2360 East Mall .....	F4
Chan Centre for the Performing Arts, 6265 Crescent Rd .....	B4
Chancellor Place neighbourhood .....	B5
Chemical & Biological Engineering Bldg, 2360 East Mall .....	F4
Chemistry A Block - Chemistry Physics Building, 6221 University Blvd .....	D4
Chemistry B,C,D & E Blocks, 2036 Main Mall .....	D3
Child Care Services Administration Bldg, 2881 Acadia Rd .....	H7
Child Care Services Bldgs, Osoyoos Cresc and Revelstoke Crt. ....	H7
CIRS — see <i>Centre for Interactive Research on Sustainability</i> ..	
Civil & Mechanical Engineering Bldg (CEME), 6250 Applied Science Lane ..	E4
Civil & Mechanical Eng. Labs ("Rusty Hut"), 2275 East Mall .....	E4
Coal & Mineral Processing Lab, 2332 West Mall .....	E3
Continuing Studies Bldg [English Language Institute], 2121 West Mall .....	D2
Copp (D.H.) Building, 2146 Health Sciences Mall .....	D5
Cunningham (George) Building [Pharmaceutical Sc.], 2146 East Mall .....	E4
David Lam Learning Centre, 6326 Agricultural Rd .....	C3
David Lam Management Research Ctr, 2033 Main Mall .....	C3
Donald Rix Building, 2389 Health Sciences Mall .....	F4
Doug Mitchell Thunderbird Sports Centre, 6066 Thunderbird Blvd .....	G5
Dorothy Somerset Studios (formerly Hut M-18), 6361 University Blvd .....	D3
Earth Sciences Building (ESB) under construction, 2207 Main Mall .....	E3
Earth & Ocean Sciences (EOS) - Main and South, 6339 Stores Rd .....	E3
Earthquake Engineering Research Facility (EERF), 2235 East Mall .....	E4
Engineering High Head Room Lab, 2225 East Mall .....	E4
English Language Institute (E.L.I.) — see <i>Continuing Studies Building</i>	
Environmental Services Facility, 6025 Nurseries Rd .....	South Campus
Fairview Crescent Residence, 2600-2804 Fairview Cres .....	F6
Fire Department, 2992 Wesbrook Mall .....	H6
First Nations Longhouse, 1985 West Mall .....	C2
Flag Pole Plaza (Main Mall & Crescent Rd) .....	B3
Food, Nutrition and Health Bldg, 2205 East Mall .....	E4
Forest Sciences Centre [Faculty of Forestry], 2424 Main Mall .....	F4
Forward (Frank) Building, 6350 Stores Rd .....	E3
FPInnovations (Forest Operations & Wood Products), 2601/2665 E. Mall ..	H4
FPInnovations (Pulp & Paper Division), 3800 Wesbrook Mall .....	South Campus
Fraser Hall (public rental housing), 2550 Wesbrook Mall .....	G6
Fraternity Village, 2880 Wesbrook Mall .....	H6
Frederic Wood Theatre, 6354 Crescent Rd .....	B3
Friedman Bldg, 2177 Wesbrook Mall .....	E5
Gage Residence, 5959 Student Union Blvd .....	C5
General Services Administration Bldg (GSAB), 2075 Wesbrook Mall .....	D5
Geography Building, 1984 West Mall .....	C3
Gerald McGavin Building, 2386 East Mall .....	F4
Graduate Student Centre — see <i>Thea Koerner House</i>	
Green College, 6201 Cecil Green Park Rd .....	A4
Greenheart Canopy Walkway, Botanical Garden, 6804 SW Marine Dr .....	H1
Greenwood Commons (public rental housing), 2660 Wesbrook Mall .....	G6
Hampton Place neighbourhood .....	H/J-6/7
Hawthorn Place neighbourhood .....	G/H3
Hebb Building, 2045 East Mall .....	D4
Hennings Building, 6224 Agricultural Rd .....	C4
Henry Angus Building [Sauder School of Business], 2053 Main Mall .....	D3

Site or Building Name & Address	Grid
Hillel House - The Diamond Foundation Centre for Jewish Campus Life, 6145 Student Union Blvd .....	C4
Horticulture Building/Greenhouse, 6394 Stores Rd .....	E2/3
Hugh Dempster Pavilion, 6245 Agronomy Rd .....	F4
ICICS/CS (Institute for Computing, Information & Cognitive Systems/Computer Science), 2366 Main Mall .....	E4
Instructional Resources Centre (IRC), 2194 Health Sciences Mall .....	F5
International House, 1783 West Mall .....	B2
In-Vessel Composting Facility, 6035 Nurseries Road .....	South Campus
Irving K. Barber Learning Centre, 1961 East Mall .....	C4
Jack Bell Building for the School of Social Work, 2080 West Mall .....	D3
John Owen Pavilion & Allan McGavin Sports Medicine Centre, 3055 Wesbrook Mall .....	H5
Kaiser (Fred) Building [Faculty of Applied Science], 2332 Main Mall .....	E3
Kenny (Douglas T) Building, 2136 West Mall .....	D3
Kids Club, 2855 Acadia Rd .....	G7
Klinck (Leonard S.) Bldg, 6356 Agricultural Rd .....	C3
Koerner (Walter C.) Library, 1958 Main Mall .....	C3
Landscape Architecture Annex, 2371 Main Mall .....	F3
Lasserre (Frederic) Building, 6333 Memorial Rd .....	C3
Law, Faculty of — see <i>Allard Hall</i>	
Leon and Thea Koerner University Centre, 6331 Crescent Rd .....	B3
Life Sciences Centre, 2350 Health Sciences Mall .....	F5
Liu Institute for Global Issues, 6476 NW Marine Dr .....	B2
Lower Mall Header House, 2269 Lower Mall .....	E2
Lower Mall Research Station, 2259 Lower Mall .....	E2
Macdonald (J.B.) Building [Dentistry], 2199 Wesbrook Mall .....	E5
MacLeod (Hector) Building, 2356 Main Mall .....	F3
MacMillan (H.R.) Bldg [Faculty of Land & Food Systems], 2357 Main Mall ..	F3
Marine Drive Residence (Front Desk in Bldg #3), 2205 Lower Mall .....	E2
Material Recovery Facility, 6055 Nurseries Rd .....	South Campus
Mathematics Annex, 1986 Mathematics Rd .....	C3
Mathematics Building, 1984 Mathematics Rd .....	C3
Medical Sciences Block C, 2176 Health Sc. Mall .....	E4
M.F.A. Studios (formerly B.C. Binning MFA Studios), 6363 Stores Rd .....	E3
Michael Smith Laboratories, 2185 East Mall .....	D4
Museum of Anthropology (MOA), 6393 NW Marine Dr .....	A2/3
Music Building, 6361 Memorial Rd .....	B/C3
Networks of Ctrs of Excellence (NCE), 2125 East Mall .....	D4
Nitobe Memorial Garden, 1895 Lower Mall .....	B/C2
Nobel Biocare Oral Health Centre (David Strangway Bldg), 2151 Wesbrook Mall .....	E5
Norman MacKenzie House, 6565 NW Marine Dr .....	B2
NRC Institute for Fuel Cell Innovation, 4250 Wesbrook Mall .....	South Campus
NRC Administration Building, 6328 Memorial Rd .....	C3
Old Auditorium — see <i>Auditorium</i>	
Old Barn Community Centre, 6308 Thunderbird Blvd .....	G3
Old Firehall, 2038 West Mall .....	D3
Orchard House, 2336 West Mall .....	E2
Osborne (Robert F.) Centre/Gym, 6108 Thunderbird Blvd .....	G4
Panhellenic House, 2770 Wesbrook Mall .....	G6
Peter Wall Institute for Advanced Studies, 6331 Crescent Rd .....	B3
Place Vanier Residence, 1935 Lower Mall .....	C/D2
Plant Ops Nursery/Greenhouses, 6029 Nurseries Rd .....	South Campus
Plant Science Field Station & Garage, 2613 West Mall .....	H2

Site or Building Name & Address	Grid
Point Grey Apartments, 2875 Osoyoos Cresc .....	H6
Police (RCMP) & Fire Department, 2990/2992 Wesbrook Mall .....	H6
Ponderosa Centre, 2071 West Mall .....	D2
Ponderosa Office Annexes: A, B, & C, 2011-2029 West Mall .....	C/D2
Ponderosa Office Annexes: E to H, 2008-2074 Lower Mall .....	C/D2
Power House, 2040 West Mall .....	D3
Pulp and Paper Centre, 2385 East Mall .....	F4
Ritsumeikan-UBC House, 6460 Agronomy Rd .....	F2
Rose Garden .....	B3
Roy Barnett Recital Hall - in Music Building	
Rugby Pavilion, 2584 East Mall .....	G4
Scarfe (Neville) Building [Education], 2125 Main Mall .....	D3
School of Population & Public Health (SPPH), 2206 East Mall .....	E4
Simon K.Y. Lee HKU-UBC House — Bldg #1, Marine Drive Residence .....	E2
Sing Tao Building, 6388 Crescent Rd .....	B3
Sopron House, 2730 Acadia Rd .....	G7
South Campus Warehouse, 6116 Nurseries Rd .....	South Campus
Spirit Park Apartments, 2705-2725 Osoyoos Cresc .....	G8
St. Andrew's Hall/Residence, 6040 Iona Dr .....	B5
St. John's College, 2111 Lower Mall .....	D2
St. Mark's College, 5935 Iona Dr .....	B6
Staging Research Centre, 6045 Nurseries Rd .....	South Campus
Stores Road Annex, 6368 Stores Rd .....	E3
Student Recreation Ctr, 6000 Student Union Blvd .....	C5
Student Union Bldg (SUB), 6138 Student Union Blvd .....	C4
TEF3 (Technology Enterprise Facility 3), 6190 Agronomy Rd .....	F4
Thea Koerner House [Faculty of Graduate Studies], 6371 Crescent Rd .....	B3
Theatre-Film Production Bldg, 6358 University Blvd .....	D3
Thunderbird Residence, 6335 Thunderbird Cresc .....	F3/4
Thunderbird Stadium, 6288 Stadium Rd .....	J3
Thunderbird Winter Sports Ctr — see <i>Doug Mitchell Thunderbird Sports</i> ..	
Totem Field Studies, 2613 West Mall .....	H2
Totem Park Residence, 2525 West Mall .....	F/G2
TRIUMF, 4004 Wesbrook Mall .....	South Campus
Triumph House (TRIUMF Visitor's Residence), 5835 Thunderbird Blvd .....	G6
UBC Bookstore, 6200 University Blvd .....	D4
UBC Farm, 6182 Wesbrook Mall .....	South Campus
UBC Hospital, 2211 Wesbrook Mall .....	E5
UBC Tennis Centre, 6160 Thunderbird Blvd .....	G4
UBC Thunderbird Arena (in Doug Mitchell Centre), 2555 Wesbrook Mall .....	G5
University Centre (Leon & Thea Koerner), 6331 Crescent Rd .....	B3
University Neighbourhoods Association, 5923 Berton Ave .....	South Campus
University Services Building (USB), 2329 West Mall .....	E2
Vancouver School of Theology, 6000 Iona Drive .....	B5
Walter H. Gage Residence, 5959 Student Union Blvd .....	C5
War Memorial Gymnasium, 6081 University Blvd .....	D5
Wayne & William White Engineering Design Ctr, 2345 East Mall .....	E4
Wesbrook Bldg, 6174 University Blvd .....	D4
Wesbrook Place neighbourhood .....	South Campus
Wesbrook Village shopping centre .....	South Campus
West Mall Annex, 1933 West Mall .....	C2
West Mall Swing Space Bldg, 2175 West Mall .....	D2
Wood Products Laboratory, 2324 West Mall .....	E3
Woodward IRC, 2194 Health Sciences Mall .....	E4/5
Woodward Library, 2198 Health Sciences Mall .....	E4/5

## SOUTH CAMPUS MAP

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Note:  
Local traffic only  
along Wesbrook Mall  
on South Campus

### Map Information

Need help finding your way on campus? Call the Campus & Community Planning MapInfo Line at 604-827-5040, M-F, 8:30-4:30

Or use the online searchable colour map at [www.maps.ubc.ca](http://www.maps.ubc.ca)

