Two Weeks in Vancouver
A Summer School for Women in Math

15-25 August, 2016

The University of British Columbia
Earth Sciences Building

Pacific Institute for the Mathematical Sciences

FIELDS

UBC

CRM

GOLDCORP

Getting Started

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.

Frequently Asked Questions:

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

Check- in and Package pick up can be done on the Main floor: **ESB Atrium**

Q: Where are the sessions?

All sessions will be in the **Earth Sciences Building at UBC; 2207 Main Mall**

- Week 1 sessions in **ESB Room 5104** . Once in ESB take the service to the 5th Floor .
- Week 2 sessions in **ESB Room 2012**. Access is through the first floor.

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 snack or quick meals, please view the list of UBC eateries attached at the end of the program or online at http://www.food.ubc.ca/

Program Overview: Week 1 in ESB 5104

Time	Monday, Aug 15 Rm: ESB 5104	Tuesday, Aug 16 Rm: ESB 5104	Wednesday, Aug 17 Rm: ESB 5104	Thursday, Aug 18 Rm: ESB 5104	Friday, Aug 19 Rm: ESB 5104
8:30am- 8:50am	**Check-in (ESB Atrium)** **& Welcome** **(ESB 5104)**				
9:00am- 10:30am	Course #1: R. Kuske	Course #1: R. Kuske	**UBC Faculty of Applied Sciences** **Presentation:** **Dana Grecov,** Associate Professor, Mechanical Engineering **Sanja Miskovic,** Assistant Professor, Mining Engineering **Gwynn Elfring,** Assistant Professor, Mechanical Engineering	Course #1: R. Kuske	Course #1: R. Kuske
Coffee Break (ESB Lobby)					
11:00am- 12:30am	Course #1 Cont'd	Course #1 Cont'd	**Field Trip** 1Q bit; Vancouver	Course #1 Cont'd	Course #1 Cont'd
Lunch (See list of Campus Eateries)					
2:00pm- 3:30pm	Course #1 Cont'd	Course #1 Cont'd	**Field Trip** D- Wave; Burnaby	Course #1 Cont'd	**2:00- 2:45pm** Course #1 Cont'd
Coffee Break (ESB Lobby)					
4:00pm- 5:00pm Guest Lectures			**Field Trip** D- Wave; Burnaby	**Public Lecture: ESB 1012** **Gerda de Vries,** Professor of Mathematics and Undergraduate Associate Chair UAlberta	**3:00pm - 4:00pm** **Christine Jakshoej,** Senior Derivatives Analyst , FINCAD Client Services
Evening Events					

Program Overview: Week 2 in ESB 2012

Time	Monday, Aug 22 Rm: ESB 2012	Tuesday, Aug 23 Rm: ESB 2012	Wednesday, Aug 24 Rm: ESB 2012	Thursday, Aug 25 Rm: ESB 2012
8:30am				
9:00am- 10:30am	Course #2: L. Schaposnik	Course #2: L. Schaposnik	Course #2: L. Schaposnik	Course #2: Review
Coffee Break (ESB Lobby)				
11:00am- 12:30am	Course #2 Cont'd	Course #2 Cont'd	Course #2 Cont'd	Course #2 Reviews
Lunch (See list of Campus Eateries)				
2:00pm- 3:30pm	Course #2 Cont'd	Course #2 Cont'd	Course #2 Cont'd	Departures
Coffee Break (ESB Lobby)				
4:00pm- 5:00pm Guest Lectures	**Steph van Willigenburg,** Professor of Mathematics, UBC	**Soyean Kim,** Leader, Research and Analytics BC Safety Authority **Janice Lee,** Director of safety oversight, BC Safety Authority	**Panel Session** **Anne Condon:** Professor, UBC Computer Science **Lesley Shannon:** NSERC Women's Chair in Science & Engineering **Elizabeth Croft:** Dean, Faculty of Applied Sciences, UBC **Steph van Willigenburg:** Professor of Mathematics ,UBC **Leah Keshet:** Professor of Mathematics, UBC **Laura Cladek:** Post Doctorate Student, UBC	
6:00pm			**Group Dinner; Enigma Restaurant**	

Guest Speakers

Anne Condon

UBC Computer Science

Anne Condon is a Professor in the Department of Computer Science at U. British Columbia, where she has served as Department Head and Associate Dean in the Faculty of Science. Anne's research in computational complexity theory and algorithms currently focuses on DNA programming - the art and science of writing programs that are realized and executed by DNA. Anne received her Bachelor's degree from University College Cork, Ireland, and her Ph.D. at the University of Washington. She is an ACM Fellow and a Fellow of the Royal Society of Canada. Anne held the NSERC/General Motors Canada Chair for Women in Science and Engineering, and received the Computing Research Association's Habermann Award for her work on increasing the numbers and successes of women in computing research. With her kids now reared, Anne loves to bike and run, and is learning to swim and do triathlons.

Laura Cladek

Post Doctorate Student, UBC

Laura is from Chicago, Illinois and completed her undergraduate degree at the California Institute of Technology. She began her undergraduate education as a physics major and then switched to mathematics in her third year. After Caltech, she went to graduate school at the University of Wisconsin - Madison, where she completed her Ph.D. last May in harmonic analysis. At UW - Madison, she helped organize WIMAW (Women in Math at Wisconsin). She is starting a postdoctoral position here at UBC this fall.

Elizabeth Croft

Associate Dean, Education & Professional Development; Professor, Mechanical Engineering

Faculty of Applied Science, University of British Columbia

UBC Mechanical Engineering Professor Elizabeth Croft is Associate Dean, Education and Professional Development for the Faculty of Applied Science, director of the Collaborative Advanced Robotics and Intelligent Systems Lab, and a registered Professional Engineer in the Province of British Columbia. Her research investigates how robotic systems can behave, and be perceived to behave, in a safe, predictable, and helpful manner. Applications of this work range from manufacturing assembly to healthcare and assistive technology. She leads a multi-institution project on robotic assistants for manufacturing (with GM Canada) and an industrial vision guided robotics project (with Hyundai Heavy Industries). She received a Peter Wall Early Career Scholar Award in 2001, and an NSERC Accelerator Award in 2007, and a YWCA Women of Distinction Award in 2013. She was named Fellow of Engineers Canada (2008) and of the American Society of Mechanical Engineers (2009), and one of WXN's top 100 most powerful women in Canada (2014). She is the founding Faculty Advisor for the UBC Engineering Tri-mentoring program, the UBC Women in Engineering group, a founding instructor for the internationally acclaimed MECH 2 program, and she led the development of 8 new Professional Masters programs at UBC. As past NSERC Chair for Women in Science and Engineering, BC & Yukon (2010-2015), Croft founded Westcoast Women in Engineering, Science, and Technology (WWEST) in order to attract, recruit, and retain women in engineering and science careers. WWEST works at national, regional, and local levels with organizations engaged in increasing the number of women in science, engineering, and technology (SET) disciplines through multilateral partnerships spanning community, academic, and private sector partners. WWEST serves as the premier hub for activity and dialogue about meaningful inclusion and increased participation of women in SET disciplines on Canada's west coast. Elizabeth also served as Principal Investigator for the National NSERC Chairs for Women in Science and Engineering Network and is currently PI for the SSHRC project "Engendering Engineering Success".

Christine Jakshoej

Senior Derivatives Analyst, FINCAD Client Services, Surrey Canada

Christine is a Senior Derivatives Analyst with FINCAD Client Services. She joined FINCAD in 2013 as a Financial Engineer on the Quantitative Research team, where she helped building out and testing the F3 core library. In 2015 she switched to her current role. As a member of the Client Services team, Christine has provided value to clients by providing everything from custom-made solutions to implementation assistance and training clients on how to use FINCAD F3 Solutions. Prior to joining FINCAD, Christine was a Treasury Analyst with Simon Fraser University Treasury working closely with the Treasurer to implement the University's first comprehensive financial risk framework. Christine holds a BSc in Business & Economics from Copenhagen Business School and a Master of Financial Risk management from Simon Fraser University. She also holds the FRM designation.

Working in finance sometimes requires long workdays and long workweeks. Christine maintains a work-life balance by having a few interests outside work that she make sure to do on a weekly basis (plays soccer, hang out with friends). Also, during busy times, there is not as much free time, but then during less busy times she makes sure to take advantage by leaving work earlier or taking vacation.

Leah Keshet

Professor of Mathematics, UBC

Leah Edelstein-Keshet was born in Israel, and lived in the USA and Canada as a child, eventually growing up in Halifax, Nova Scotia. After a BSc and MSc at Dalhousie University, she returned to Israel for a PhD in Applied Mathematics (Weizmann Institute, 1982).

After several short-term positions in the USA, Leah arrived at UBC in 1989 where she is now a professor in the Department of Mathematics, where she carries out research. Her specialty is Mathematical Biology, with an emphasis on cell biology. Her book "Mathematical Models in Biology", published in 1988 continues to be a popular introduction to the subject. Leah is a former president of the Society for Mathematical Biology. At UBC, she has been part of a multi-year effort to develop and teach a version of first year calculus suitable for Life Science students.

Soyean Kim

Leader, Research and Analytics, BC Safety Authority

Soyean currently manages a group of researchers at BC Safety Authority as the leader of Research and Analytics Department. She is a Professional Statistician (P.STAT) by training with 12 years of experience working with big data. With curiosity, Soyean loves making discoveries in the world of big data and data intelligence. Prior to BC Safety Authority, Soyean worked as a Rate Design Manager at Fortis BC and also worked as a consultant at PriceWaterhouse Coopers. Outside of work, she loves spending time with her two active boys.

Rachel Kuske

Professor of Mathematics, UBC

Rachel Kuske is a Professor of Mathematics at the University of British Columbia, since 2006. Before coming to Canada, she was a postdoc at Stanford and University of Utrecht and held faculty appointments at Tufts University and University of Minnesota. In 2002 Kuske joined UBC, where in addition to being a faculty member she also held positions of Department Head (2007-2011) and as the Senior Advisor to the Provost on Women Faculty ((2011-2015). In 2016 she held a Simons Fellowship at the Newton Institute in Cambridge.

Kuske received her PhD in 1992 from Northwestern University, and since then her research interests have covered applied stochastic dynamics and nonlinear modeling with applications in biology, engineering, and climate systems. Most recently she has led research in new areas of interest in stochastic dynamics, including stochastic analysis in delayed or non-smooth systems, noise-driven order in complex

systems, and analysis of stochastic transitions or "tipping points" in the diverse fields of optics, biology, mechanics, and climate systems. She was elected SIAM Fellow in 2015, and has received a number of other awards including a Canada Research Chair (2002-2012) and the Canadian Mathematical SocietyÕs Krieger-Nelson prize (2011).

Kuske has worked with a variety of mathematical institutes and professional organizations in applied mathematics and has been expert and mentor for events covering topics from industrial mathematics to women in mathematics. She was awarded the Association for Women in Mathematics Service Award in 2013. Over the last ten years she has served on the editorial boards for the SIAM J on Applied Math, SIAM Review, the European J. of Applied Math, the IMA J. of Applied Math, and Discrete and Continuous Dynamics - B. Highlights of her service to the mathematical sciences community includes SIAM Council, the NSERC-Math-Stats Long Range Planning Committee, Scientific Advisory Panel of the Fields Institute, Associate Director of Program Diversity at the American Institute of Mathematics, and co-chair of the bi-annual SIAM Applied Dynamical Systems meeting.

Janice Lee

Director of safety oversight, BC Safety Authority

As the Director of Safety Oversight for the British Columbia Safety Authority (BCSA), Janice Lee leads a team of safety managers who are keenly focused on advancing the understanding and management of technical safety risks in the Electrical, Gas, Boiler, Elevating, Passenger Ropeway, Amusement Devices and Railway technology. Prior to this position, she managed technical safety for Elevating Devices as a Safety Manager. Before joining BCSA in 2007, Janice worked in the elevator industry for 15 years in Field Operations. She is a Professional Engineer, graduating from the University of Manitoba Faculty, Civil Engineering with Distinction.

Lesley Shannon

NSERC Women's Chair in Science & Engineering BC Yukon

Lesley received her Bachelor's Degree from the University of New Brunswick in Electrical Engineering with the Computer Option in 1999. She then completed her Masters of Applied Science and Ph.D. at the University of Toronto in 2001 and 2006, respectively. Lesley's primary area of interest is Computing System Design, including architectures, design methodologies, and programming models. Her PhD research focused on developing tools, architectures and methodologies that help to reduce the design time of embedded systems, particularly those implemented using FPGAs. Outside her academic interests, she is also actively engaged in promoting science, engineering, and technology careers to women. To that end, she has been the faculty advisor of the Women in Engineering Group (WEG and am currently the faculty advisor of SFU WEST, SFU's new Women in Engineering, Science and Technology group.

Laura Schaposnik

Assistant Professor of Mathematics, University of Illinois at Chicago

Laura is an Assistant Professor at the Mathematics Department of the University of Illinois at Chicago. She finished her DPhil in Mathematics at the University of Oxford, in January 2013. Her thesis is titled "Spectral data for G-Higgs bundles", and was done under the supervision of Nigel Hitchin. Before that she was an undergraduate student at the Universidad Nacional de La Plata, Argentina from 2004 to 2008. And obtained her degree of Licenciada en Matematica (equivalent to a Master´s degree in Maths) under the supervision of Jorge Solomin - her thesis was on a symplectic approach to Lagrangian mechanics.

Laura held her first Post-Doctoral position, in 2012, as a Wissenschaftlicher Assistent, at Heidelberg University, Germany, working in Anna Wienhard´s Differential Geometry Research Group. Her second post-doc was during 2013-2015, as a J. L. Doob Research Assistant Professor at the University of Illinois at Urbana Champaign.

Gerda de Vries

Professor of Mathematics, UAlberta

Gerda De Vries is a professor in the department of mathematical and statistical sciences at the University of Alberta. She is also, one of the two teaching fellows, and winner of numerous teaching awards. Her favourite courses to teach are those in which there is room to make connections between mathematics and other disciplines, such as engineering, physics, chemistry, biology, etc. She likes to use examples and questions from those disciplines to motivate new mathematics, or to show how mathematics is used in the "real world". This in turn motivates the students to learn more about the subject, and they better understand the reason for studying mathematics.

As an undergraduate, Gerda lived for assignments, especially the challenging ones, because "those resulted in the largest intellectual gains". She got immense satisfaction from solving challenging, non-standard problems. As an instructor, she puts a lot of thought into creating valuable, pedagogically rich assignments, and aims to include at least one "brain stretcher" in every assignment. Gerda is passionate about cycling, from bike commuting to riding the trails in Edmonton's spectacular river valley to long-distance bike touring. This summer, I spent three weeks cycling in Alaska and the Yukon.

Steph van Willigenburg

Professor of Mathematics, UBC

Steph earned a BSc Hons from St Andrews University in Scotland in 1994 and subsequently she earned her PhD from St Andrews University in 1998. From there she pursued a postdoc at York University in Toronto and a second postdoc at Cornell University before being appointed an Assistant Professor at UBC in 2002, rising through the ranks to Full Professor in 2012.

Her awards for research include fellowships from the Leverhulme Trust and the Alexander von Humboldt Foundation, and she has won a Killam Award for her teaching. She is also one of the co-founders and organizers of the Algebraic Combinatorixx workshops at the Banff International Research Station to foster mentoring, collaborations and networking for women in algebraic combinatorics and related areas.

Reading and Preparation Material

Rachel Kuske, UBC (Lecturers and Computational Labs)

Review of solution methods for ODE's:

(Reference: Boyce and DiPrima, Differential Equations or other texts on ODE's)

1. Review of basic probability: probability densities and distributions for discrete and continuous random variables, examples including Gaussian, Poisson, uniform, etc.
   - (Reference: Ross, A First Course in probability or other introductory text on probability)
2. Introduction to Langevin-type equations: stochastic differential equations driven by Brownian motion and by jump (Poisson) processes
3. Ito calculus and Ito's formula
4. Diffusion processes, and differential equations for probability densities and first passage times
5. Diffusion approximations for continuous time Markov processes: application to SIR model

For each of these topics, there will be computational exercises. It would be ideal if students can bring a laptop if at all possible. Programming will be in the Julia programming language, which is quite similar to Matlab. Programming will include simulation of stochastic processes, stochastic differential equations, diffusion processes, probability densities, and first passage times.

Laura Schaposnik, University of Illinois at Chicago (Lecturers)

An Introduction to the geometry of knots

The central theme of the course is the study of the geometry and physics of knots, with focus on different applications the theory has in several areas of sciences. For an overall description of the subject, students may enjoy reading Sir Michael Atiyah's "The geometry and physics of knots" before the course.

The course will mix material from several different sources, among which are:

a) Giovani di Santi "An Introduction to the Theory of Knots"
b) Grant Walker course on knot theory
c) Crowell and Fox's "Introduction to knot theory"
d) Sir Michael Atiyah's "The geometry and physics of knots"
e) Louis Kauffman "Physics of knots"
f) Colin Adams, "The Knot Book" AMS, 2004 (ISBN-10: 0821836781, ISBN-13 978-0821836781)

Gerda de Vries, UAlberta: (Guest Lecture)

Making Mathematics with needle and thread: Quilts as Mathematical Objects

The connection between textiles and mathematics is intimate but not often explored, possibly because textiles and fiber arts have traditionally been the domain of women while mathematics was viewed as a male endeavour. How times have changed! Today, textiles and mathematics, like art and science, are recognized for their interwoven, complimentary attributes. In this presentation, mathematics professor Gerda de Vries will examine the connection between textiles and mathematics, in the context of both traditional and contemporary quilts. In a sense, every quilt is a mathematical object, by virtue of the fact that it has shape and dimension. But some quilts are more mathematical than others, and in very different ways. She will show how mathematical concepts such as symmetry, fractals, and algorithmic design show up in the world of quilting through serendipitous and intentional design.

Participants

1.	Joanne Chan	University of Alberta
2.	Natasha Ahluwalia	University of Calgary
3.	Beixi Lei	Indiana University
4.	Chuning Li	University of Waterloo
5.	Emilee Laura Carson	University of Waterloo
6.	Emily Korfanty	Trent University
7.	Jin Liu	University of Waterloo
8.	Mengxue Yang	University of Waterloo
9.	Shelley Chenfangrui Wu	University of Waterloo
10.	Emilia Alvarez	Concordia University
11.	Rachel Stiyer	UBC
12.	Nina Anikeeva	Overlake School/ University of Washinton
13.	Bowen(Coco) Tian	University of Alberta
14.	Nora Nahornick	University of Alberta
15.	Ying Yin	University of Illinois Champaign-Urbana
16.	Dominique Dupont-Jillings	McMaster University
17.	Eryn Frawley	University of Ontario Institute of Technology
18.	Alexa Caswell	Trent University
19.	Samantha Zimmermann	SFU

Organizers

1. Shawn Desaulniers (UBC)
2. Rachel Kuske (UBC)
3. Fok-Shuen Leung (UBC)
4. Malabika Pramanik (Committee Chair, UBC)
5. Pacific Institute for the Mathematical Sciences

Conference Evaluation Survey:

Participants of this event are required to fill in the online event evaluation survey available online at: https://goo.gl/YRT2cK

On-Campus Dining
at the University of British Columbia

Student Union Building (1)

Subway Mon – Fri 7:30am-2pm

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

University Village (2)

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)

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

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

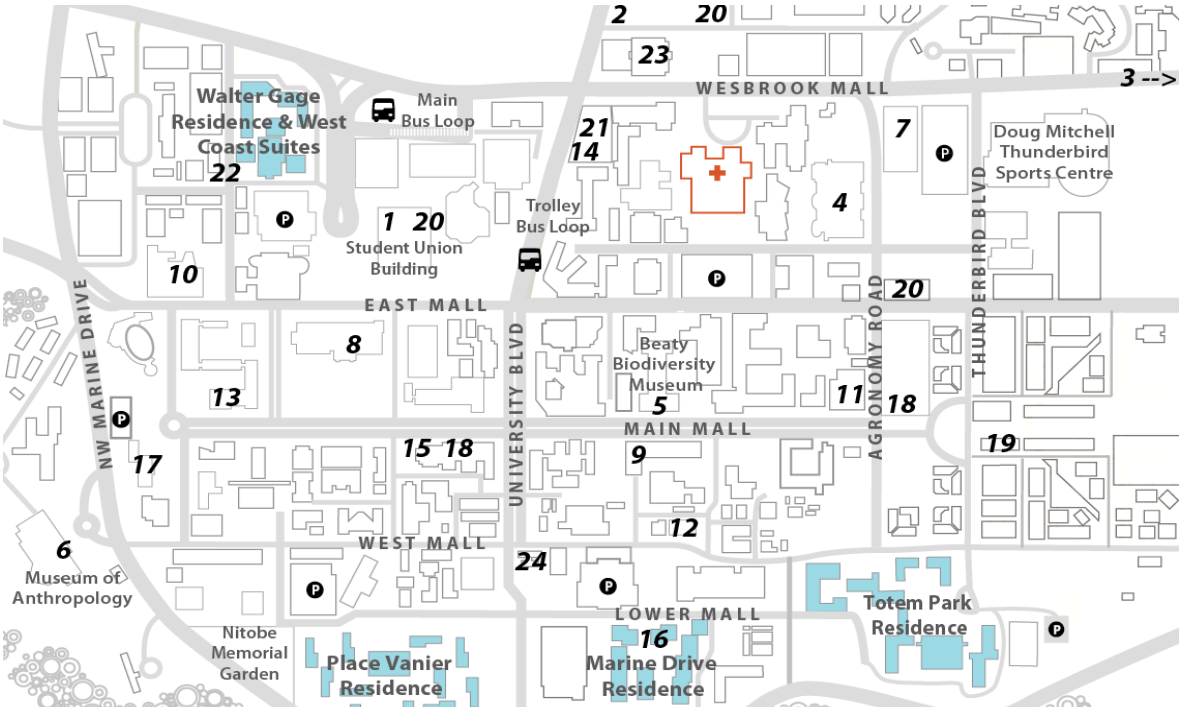
The Nest

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^2 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

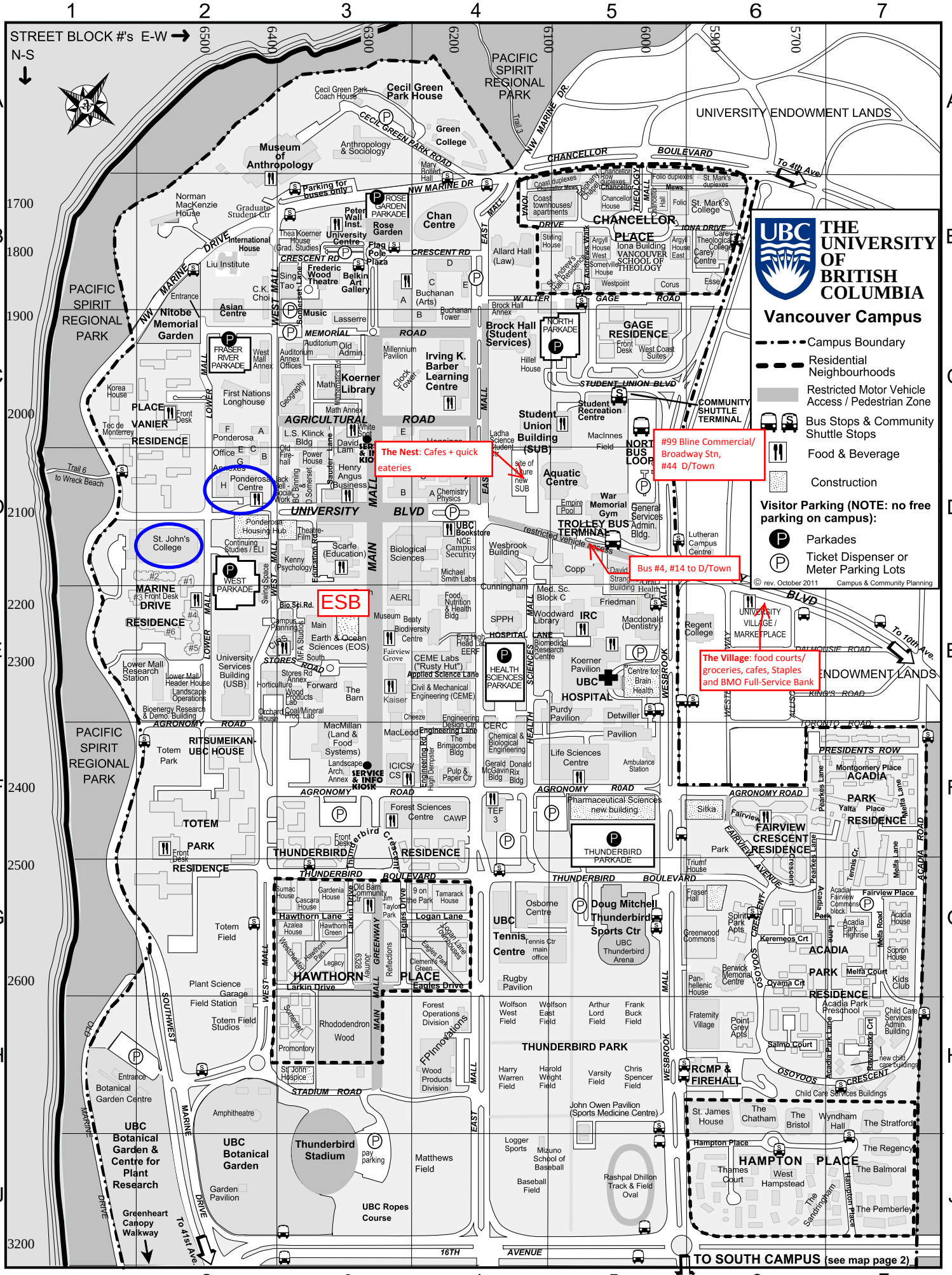
Caffe Perugia (4)
Niche Café (5)

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)


STREET BLOCK #'s E-W
N-S
THE UNIVERSITY OF BRITISH COLUMBIA
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
The Nest: Cafes + quick eateries
#99 Bline Commercial/ Broadway Stn, #44 D/Town
Bus #4, #14 to D/Town
The Village: food courts/ groceries, cafes, Staples and BMO Full-Service Bank
ESB
UNIVERSITY ENDOWMENT LANDS
PACIFIC SPIRIT REGIONAL PARK
CHANCELLOR PLACE
Iona Building VANCOUVER SCHOOL OF THEOLOGY
Brock Hall (Student Services)
GAGE RESIDENCE
Student Union Building (SUB)
Aquatic Centre
Koerner Library
Irving K. Barber Learning Centre
Chan Centre
Museum of Anthropology
Rose Garden
Nitobe Memorial Garden
UBC Botanical Garden & Centre for Plant Research
Thunderbird Stadium
HAWTHORN PLACE
THUNDERBIRD PARK
HAMPTON PLACE
TOTEM PARK RESIDENCE
ACADIA PARK RESIDENCE
FAIRVIEW CRESCENT RESIDENCE
PRESIDENTS ROW
MARINE DRIVE RESIDENCE
PLACE VANIER RESIDENCE
RITSUMEIKAN-UBC HOUSE
UBC Bookstore
HEALTH SCIENCES PARKADE
THUNDERBIRD PARKADE
WEST PARKADE
FRASER RIVER PARKADE
NORTH PARKADE
ROSE GARDEN PARKADE
TROLLEY BUS TERMINAL
COMMUNITY SHUTTLE TERMINAL
UNIVERSITY VILLAGE / MARKETPLACE
UBC HOSPITAL
TO SOUTH CAMPUS (see map page 2)

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. Greenhses/ Workshops, 6088 S. Campus Rd	South Campus
Brimacombe Building, 2355 East Mall	F4
BROCK HALL: Student Services & Welcome Centre, 1874 East Mall	**C4**
Brock 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 Civil & Mechanical Engineering Building*	
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 Centre for Interactive Research on Sustainability...*	
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 Continuing Studies Building*	
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 Thea Koerner House*	
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
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	F4
Instructional Resources Centre (IRC), 2194 Health Sciences Mall	E5
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 Allard Hall*	
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 Heath 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
Old Administration Building, 6328 Memorial Rd	C3
Old Auditorium — *see Auditorium*	
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
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 Doug Mitchell Thunderbird Sports...*	
Totem Field Studios, 2613 West Mall	H2
Totem Park Residence, 2525 West Mall	F/G2
TRIUMF, 4004 Wesbrook Mall	South Campus
Triumf 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

Campus & Community Planning
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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