

Bicycling by Design:

Facilities to promote safe & healthy travel



April 7-8, 2014

8:30 am – 4:30 pm

UBC Robson Square
Vancouver, BC

A UBC short course

offered by the Cycling in Cities Research Program,
Urban Systems, City of Vancouver & HUB Your Cycling
Connection

Target audience

- engineers
- planners
- landscape architects
- public health professionals
- cycling advocates
- cycling educators

Course faculty

- Mike Brauer, Larry Frank, Kay Teschke, UBC
- Meghan Winters, SFU
- Brian Patterson, Urban Systems
- Dale Bracewell, David Rawsthorne, City of Vancouver
- Lisa Slakov, HUB Your Cycling Connection

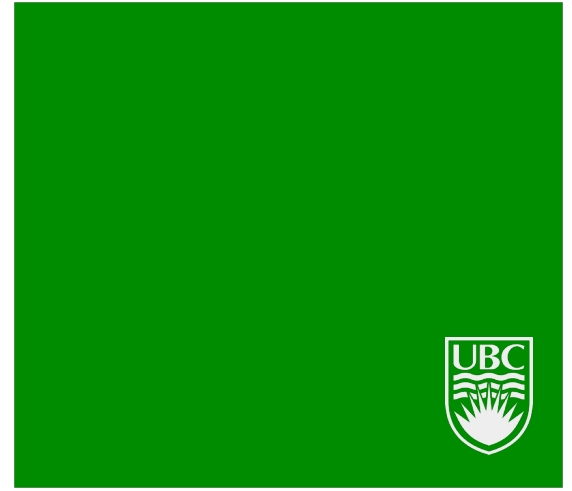
This 2-day course is designed to bring transportation and public health professionals up to date with research and practice on

- the benefits of cycling,
- cycling safety,
- facilities that encourage cycling,
- safe bike facilities, and
- implementation measures.

It will equip participants with the skills needed to develop and promote cycling infrastructure for busy streets, quiet streets, and off-street locations.

It will include in class lectures and design workshops. There will be an opportunity to walk to nearby locations to observe some cycling facilities. Those who wish to experience a variety of Vancouver cycling facilities can opt for a "Ride the Cycling Facilities" add-on course.

It will focus on three facility types shown to be the best to motivate cycling and increase safety. Participants will learn how to deal with complexities that arise in the design and implementation of these route types.



Course Topics

Part 1 Introduction – Health & Safety (1.5 hrs)

Benefits and risks of cycling (Mike)
Cycling safety compared to other transport modes (Kay)

Part 2 Facility Selection (1.5 hrs)

Laws, policies, guidelines (Brian or David)
Bicycle facility types (Brian or David)
Preferred vs. safe facilities (Kay)

Part 3 Facilities for Busy Streets (3.5 hrs)

Design of cycle tracks (Brian, David, Kay)

Part 4 Facilities for Quiet Streets (2 hrs)

Design of neighbourhood bikeways (Brian, David, Kay)

Part 5 Off-Street Facilities (2 hrs)

Design of bike paths (Brian, David, Kay)

Part 6 Implementation (2.5 hrs)

Evaluating results: Bikeability (Meghan)
Convincing governments and the public (Lisa)
Policy context, funding (Dale)
Bicycling within the transport planning paradigm (Larry)

Accreditation

Full-day attendance of Apr 7-8, 2014 qualifies for PIBC CPL 14.0 (Organized and Structured) Learning Units

Full-day attendance of Apr 6, 2014 “StreetWise” cycling course qualifies for PIBC CPL 4.0 (Organized and Structured) Learning Units

Canadian Institute of Public Health Inspectors: pending

For more information, contact

Lydia Ma
Continuing Education Director
School of Population & Public Health
The University of British Columbia
2206 East Mall
Vancouver, BC V6T 1Z3
604 822 9599
lydia.ma@ubc.ca
spph.ubc.ca/continuing-education

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[cyclingincities](#)

Ride the Cycling Facilities

For those who want to experience the facilities we discuss in the course, we offer two options:

- a half-day pre-course with a “Streetwise” cycling instructor from HUB, on **Sunday April 6**, including 1.5 hours of classroom training on safe riding in cities and a 3 hour ride visiting examples of bike facilities
- a self-directed experience following a route outlined by our course instructors