



# Outgoing Study 2026

## July 11 ~ 19

### @Vancouver, BC, Canada



暑假優惠政大學生

1650 加幣 + 12%稅

= 1848 加幣 = 約42,500台幣  
(含UBC課程+課後導覽+宿舍

+惠斯樂遊玩+三餐)

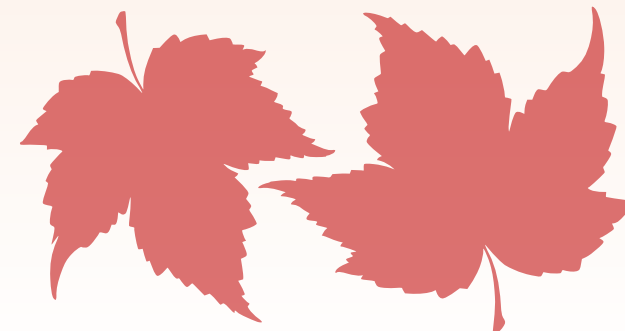
+直飛來回 55000台幣

估計十萬元以內可成行

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886-935426698 (WhatsApp)



Click on each university logo to find more programs!



**BCcampus**

Learning. Doing. Leading.



SIMON FRASER  
UNIVERSITY



Royal Roads  
UNIVERSITY

# Day 0: July 11 Saturday

## TPE to YVR

傍晚抵達溫哥華國際機場、UBC專車接機  
前往UBC校園宿舍入住、休息調整時差

Please apply for [eTA travel visa](#).  
Your passport must be **valid for at least 6 months** from the date of entry.



Google Travel Flights

Round trip | 1 | Economy

Vancouver YVR ↔ Taipei City | Sat, Jul 11 | Mon, Jul 20

Best | Cheapest from **NT\$37,784**


**The price fluctuates constantly throughout the day. Sometimes, last-minute tickets are cheap, but it's very risky if you've already planned the rest of your trip.**

Airline	Flight	Duration	Stops	CO2e	Price
United	7:20 PM – 4:05 AM <sup>+2</sup>	17 hr 45 min	1 stop (2 hr 11 min SFO)	898 kg CO2e (+31% emissions)	NT\$39,037 round trip
China Airlines	2:00 AM – 5:00 AM <sup>+1</sup>	12 hr	Nonstop	696 kg CO2e (Avg emissions)	NT\$39,954 round trip
EVA Air · Air Canada	2:00 AM – 4:50 AM <sup>+1</sup>	11 hr 50 min	Nonstop	684 kg CO2e (Avg emissions)	NT\$46,925 round trip



# Day 1: July 12 Sunday

- **Intro. of Social Media Data Types and the Basics of Statistics**  
(Borgatti et al., 2024, Ch 1) (R & S, 2023, Ch 3)
- Location: Vancouver Public Library
- Duration: 300 minutes



**SNS**  
Social Network Analysis

**Centrality**  
degree, closeness,, betweenness

**Community Equivalence**

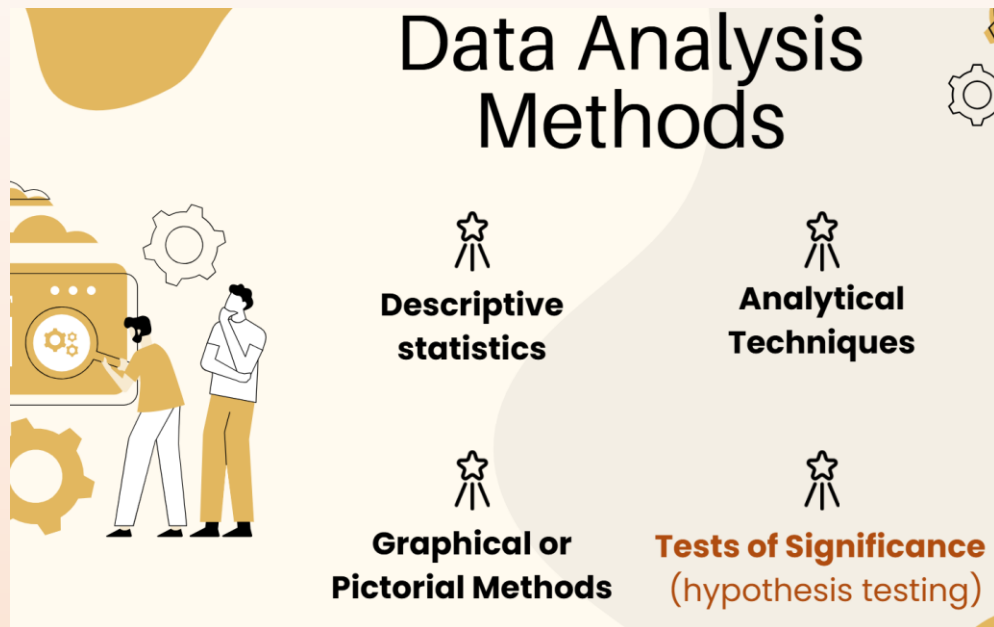
**ego network**

**node/actor**  
individual, group, living & non-living things

**tie/line**  
relation (directed), connectivity, interactivity

# Day 2: July 13 Monday

- **Exploratory data analysis procedures**  
(Borgatti et al., 2024, Ch 2,4, 17) (R & S, 2023, Ch 4, 8)
- Location: UBC Campus Library
- Duration: 300 minutes



## Quantitative

**numbers**

KPI (key performance index), monthly/annual revenues, sales, number of “like/love/others” clicks, shares, comments, mentions, and number of comments/posts/shares

## Qualitative

**text, audio, video**

posts, comments, interview transcripts, survey responses, new reports,

>> **non-numerical data**

>> **conversation**

**Data Types**  
in social media

# Day 3: July 14 Tuesday

- **Research design, collect and clean data**  
(Borgatti et al., 2024, Ch 3) (R & K, 2019, Ch 5)
- Location: SFU-Burnaby Campus Library
- Duration: 300 minutes

## Tests of Significance (hypothesis testing)

### Analytical Techniques

01 Grouping Methods >>

control group  
experimental groups

in pairs

pre-test  
post-test

02 Multiple Equation Models

(bio) female  
(bio) male

03 Regression Analysis

01 Chi-Square test

02 t test

**05 sign Test  
(statistical power)**

03 F-test

04 z test

[Resource 01](#)

[Resource 02](#)

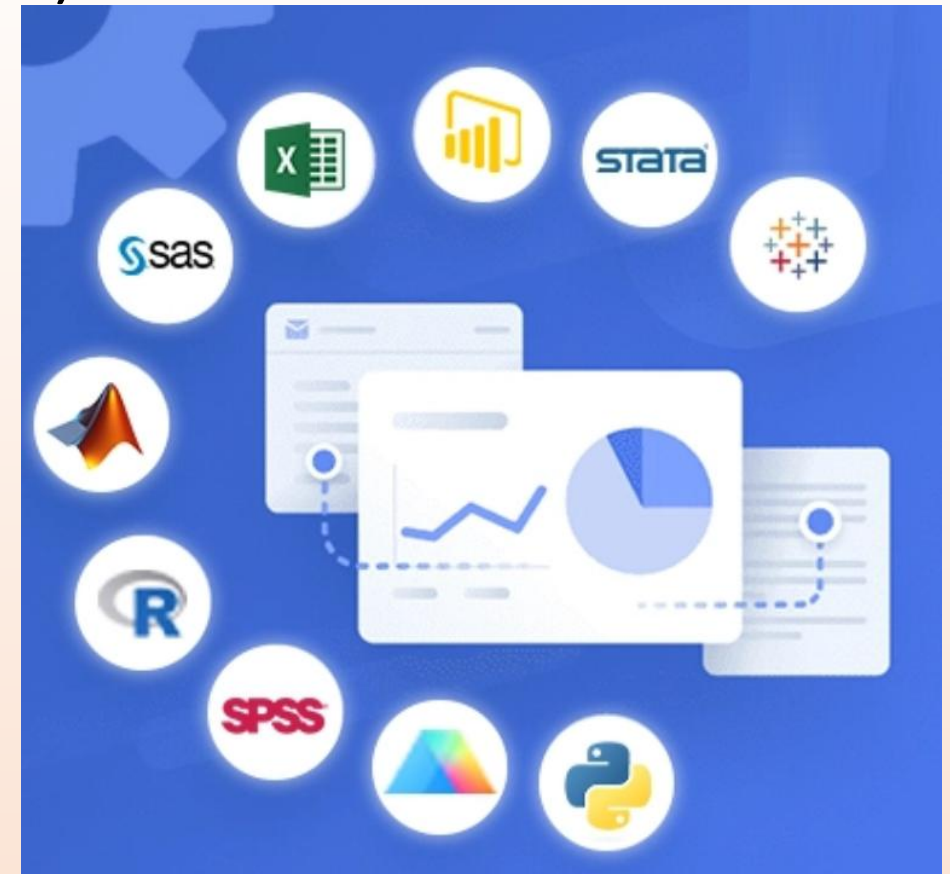
# Day 4: July 15 Wednesday

- **Introduction to statistical tools and programming syntax**  
(Borgatti et al., 2024, Ch 5) (R & S, 2023, Ch 9)
- Location: SFU-Surrey/KPU Campus Library
- Duration: 300 minutes



[7 Steps to Mastering Vibe Coding - Open Association of Research Society, United States](#)

Essential Statistical Tools for Data-Driven Research

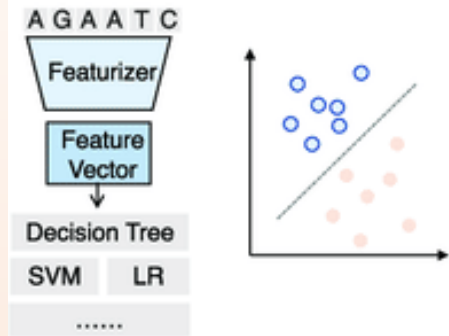


# Day 5: July 16 Thursday

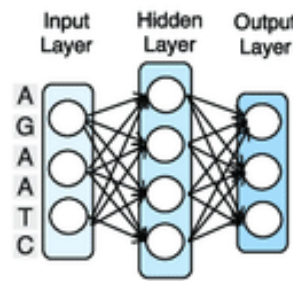
- **Understanding machine-learning concepts**  
(Borgatti et al., 2024, Ch 7)
- Location: UBC Museum
- Duration: 300 minutes



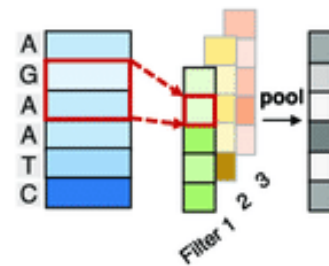
**A Classic Machine Learning**



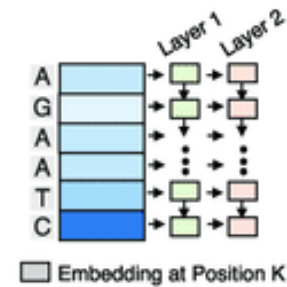
**B Deep Neural Network**



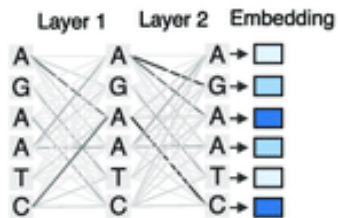
**C Convolutional Neural Network**



**D Recurrent Neural Network**



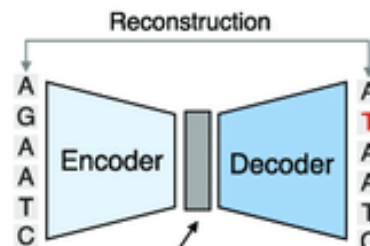
**E Transformer**



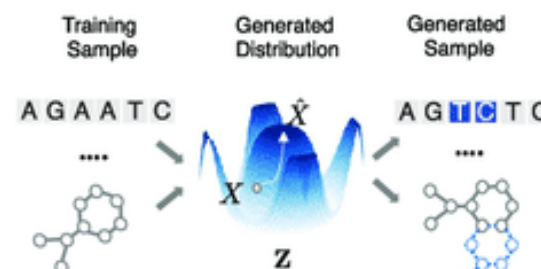
**F Graph Neural Network**



**G Autoencoder**

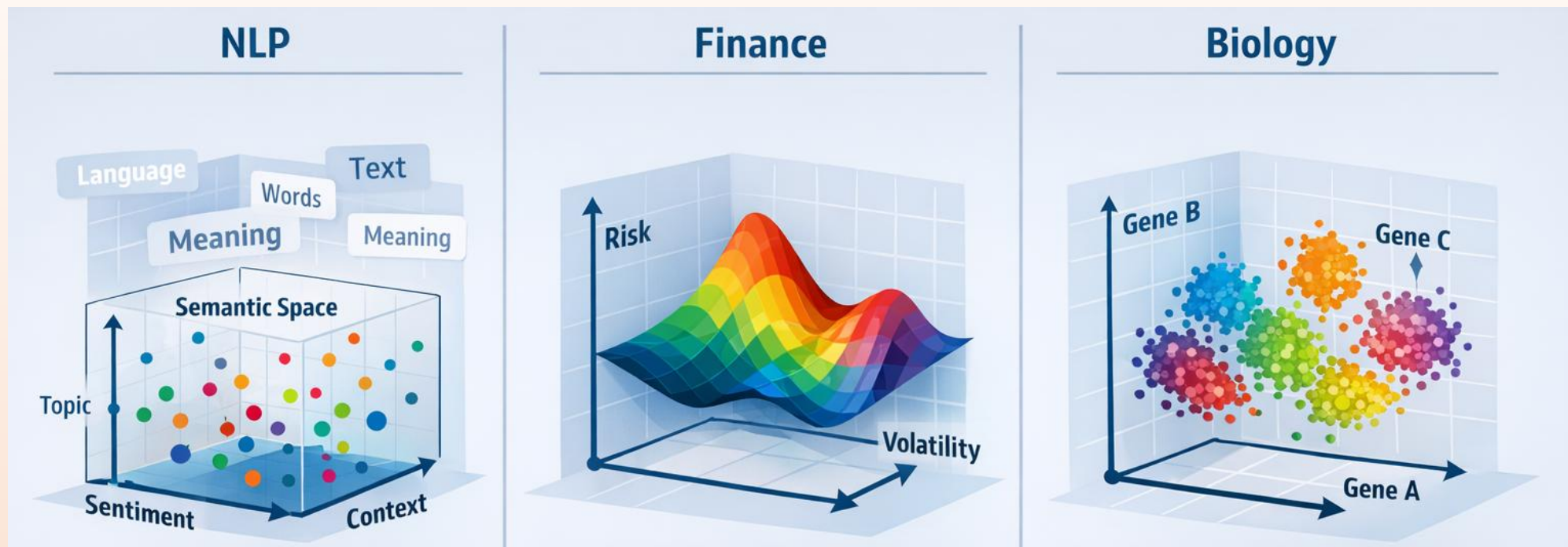


**H Generative Model**



# Day 6: July 17 Friday

- **Understanding foundational concepts of high-dimensional modeling**
- Location: SFU-Burnaby Campus Library
- Duration: 300 minutes



# Day 7: July 18 Saturday

- **(only for NCCU students) Concluding Remarks and Ind. Reflection & Presentation**
- Location: Whistler Park / **Olympic Center** • Duration: 300 minutes
- Grading Policies: (14%) Attendance, (30%) Personal final report or reflection, (56%) In-session practices and discussion
- References:
  - Borgatti, S. P., Everett, M. G., Johnson, J. C., & Agneessens, F. (2024). Analyzing social networks (3rd eds.). Thousand Oaks, CA: Sage.
    - **(Translated by Hsieh, P. H. in Mandarin)**  
<http://www.yehyeh.com.tw/bookchi.aspx?mode=dbview&sysid=00107654>
  - Rajnish, R. & Srivastava, M. (2023). *Web data mining with Python: Discover and extract information from the web using Python*. BPB Online.
  - Russell, M. A., & Klassen, M. (2019). Mining the social web (3rd ed.). Sebastopol, CA: O'Reily. <https://github.com/mikhailklassen/Mining-the-Social-Web-3rd-Edition>

# Whistler & Peak-to-Peak Gondola Day Trip



[Peak to Peak Whistler Gondola](#)



[Whistler Village | Tourism Whistler](#)

# Day 8-9: July 19-20 Sunday-Monday

## YVR to TPE

加拿大時間7/20凌晨1:00起飛，台灣時間是7/20下午4pm  
預估抵達台灣時間是7/21 (二) 清晨



# Plan for your Sunday one-day Trip

Best 20 min — 37 min 2h 34m 46 min

UBC Welcome Centre, University Endown

Queen Elizabeth Park, Vancouver, BC V5Y

Photo taking, Dining at a nice restaurant ~

Leave now Options

Send directions to samsung SM-A1560 Copy link

10:23 PM—11:00 PM 37 min  
R4  
10:27 PM from UBC Exchange @ Bay 4  
15 min every 12 min  
Details

10:21 PM—11:03 PM 42 min

Map labels: Lighthouse Park | West Vancouver, ALTAMONT DUNDAVAE, West Vancouver, Stanley Park, Vancouver, Kitsilano Beach, UBC Welcome Centre, UBC Exchange @ Bay 4, WEST POINT GREY, DUNBAR-SOUTHLANDS, MUSQUEAM FIRST NATION, Langara College, Olympic Recently v, MT-PLEASANT, 99, 7, 1A, Burrard Inlet, WEST END.



Fall Colours in Vancouver's Queen Elizabeth Park



Butchart Gardens

- Best
- 11 min
- 
- 33 min
- 1h 45m
- 25 min

Queen Elizabeth Park, Vancouver, BC V5Y

Outlet Richmond, 7899 Templeton Station

Photo taking, Shopping ... NO souvenirs

Leave now

Options

Send directions to samsung SM-A1560

Copy link

8:07 AM—8:40 AM 33 min

Canada Line

8:17 AM from King Edward Station

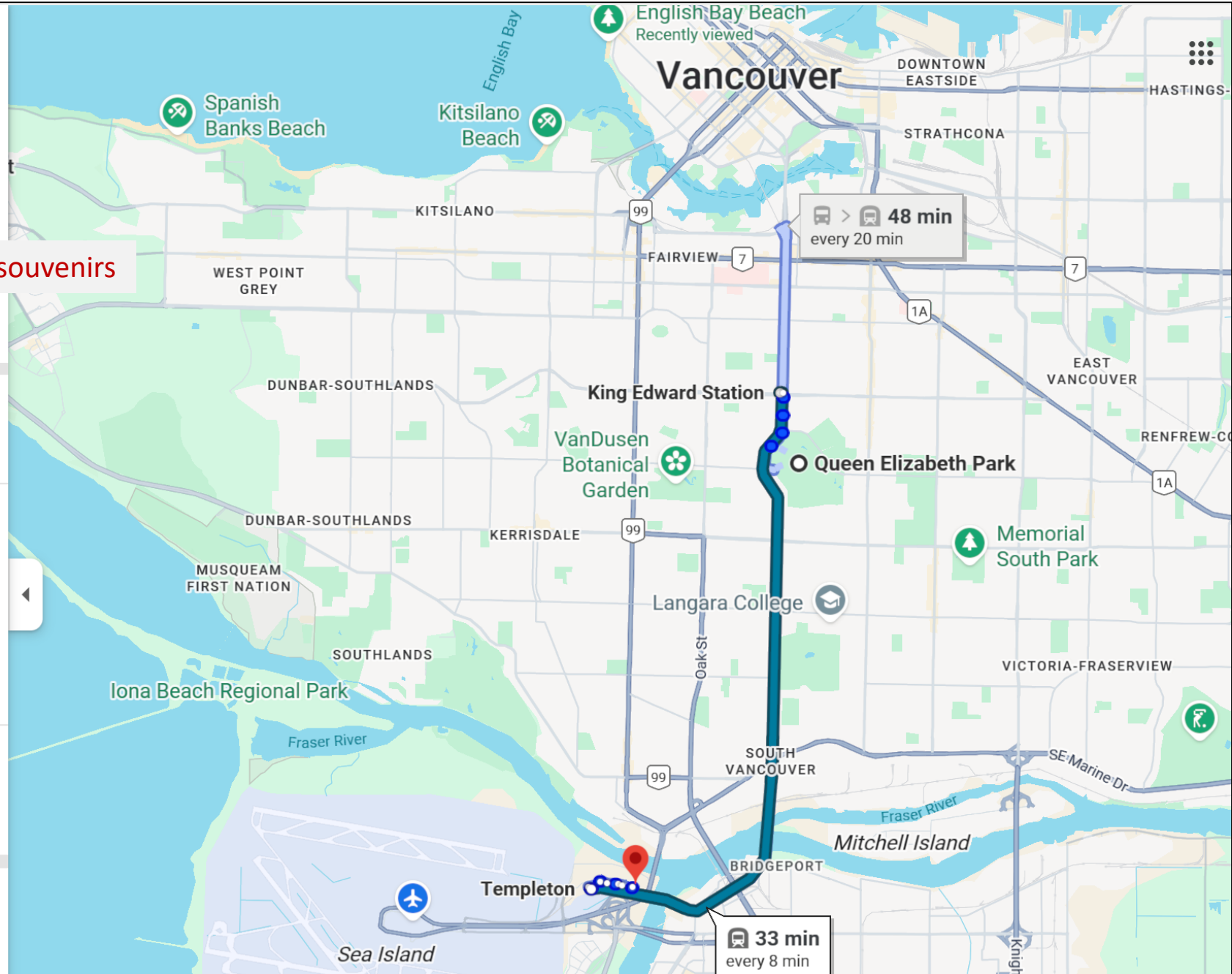
19 min every 8 min

Details

8:12 AM—9:00 AM 48 min

015 Canada Line

Explore nearby Outlet Richmond





[McArthurGlen Designer Outlet Vancouver Airport |](#)

Best 12 min — 36 min 1h 47m 30 min

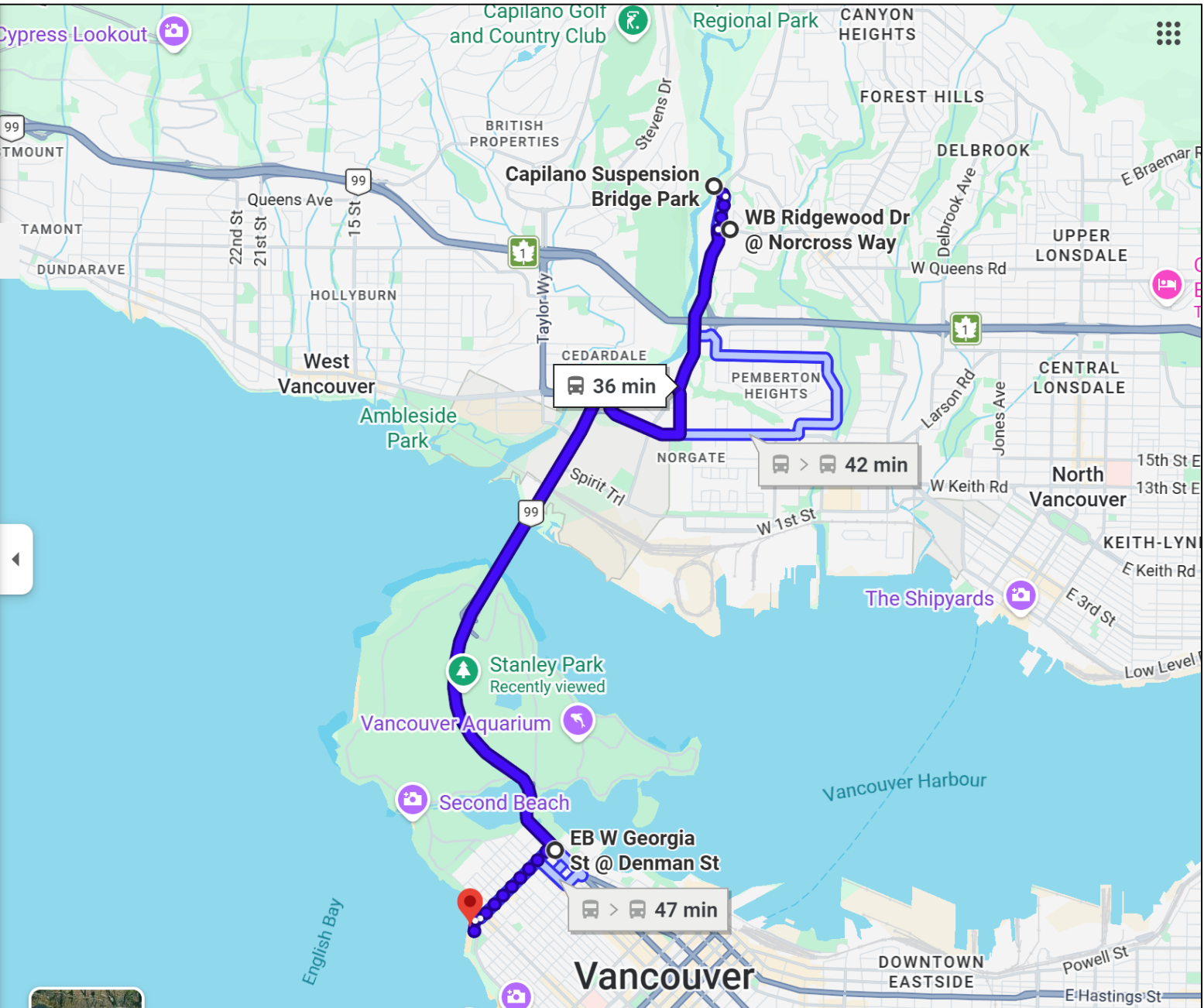
Capilano Suspension Bridge Park, 3735 C  
 English Bay Beach, Beach Ave, Vancouver

Photo taking, Bike riding ...

Leave now Options

Send directions to samsung SM-A1560 Copy link

	<b>10:26 PM—11:02 PM</b> 36 min 246 10:32 PM from WB Ridgewood Dr @ Norcross Way 21 min
	<b>10:24 PM—11:11 PM</b> 47 min 246 > 005
	<b>10:41 PM—11:25 PM</b> 44 min 236 > 240
	<b>10:41 PM—11:26 PM</b> 45 min 236 > 240 > 005





Best 22 min — 48 min 3h 15m 51 min

Outlet Richmond, 7899 Templeton Station

English Bay Beach, Beach Ave, Vancouver

Photo taking, Picnic, Canoeing, (Fireworks)

Leave now

Options

Send directions to samsung SM-A1560

Copy link

8:04 AM—8:52 AM 48 min

Canada Line 006

8:14 AM from Templeton  
13 min every 20 min

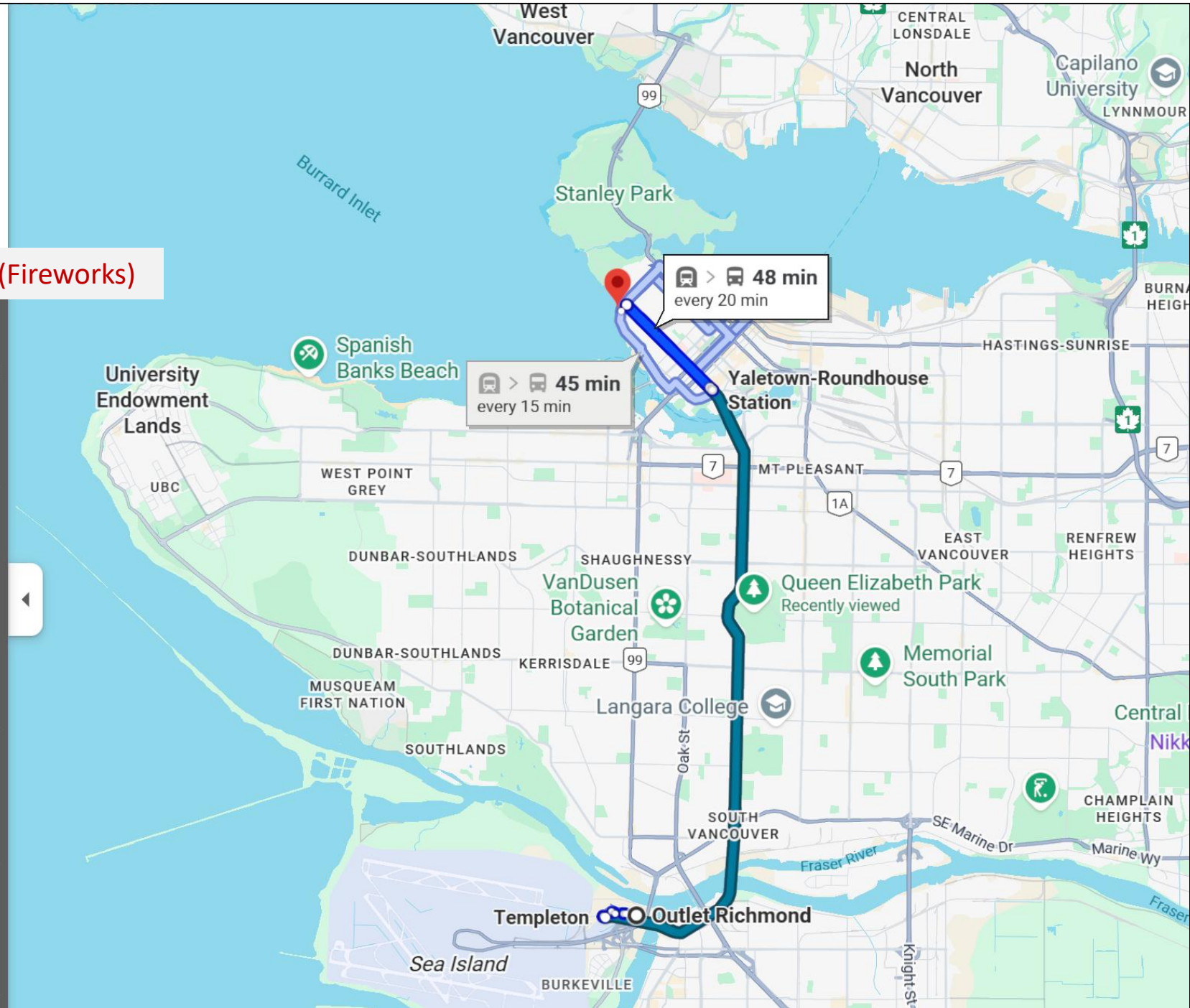
Details

8:04 AM—8:56 AM 52 min

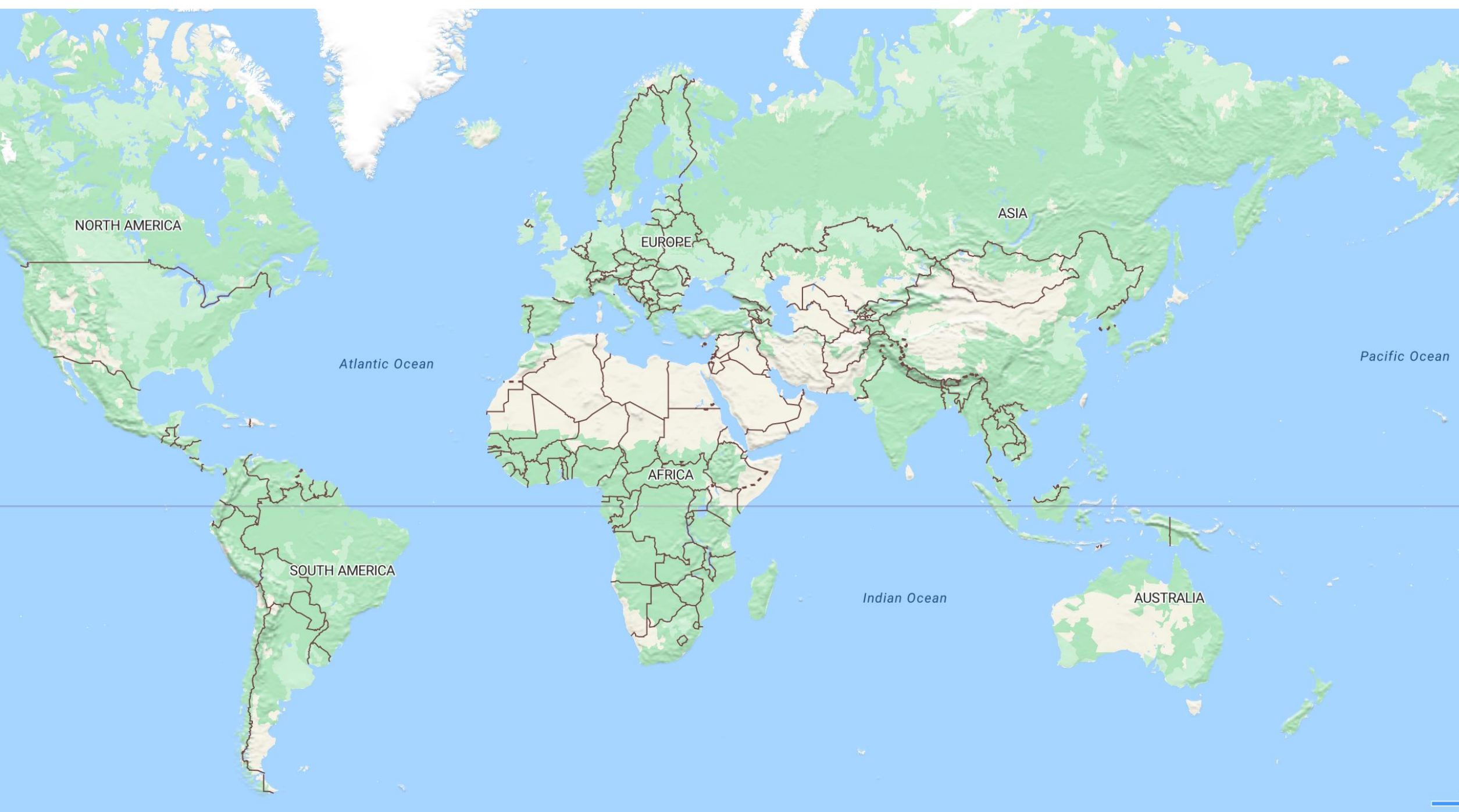
Canada Line 005

8:14 AM—9:10 AM 56 min

Canada Line 257







NORTH AMERICA

EUROPE

ASIA

*Atlantic Ocean*

*Pacific Ocean*

SOUTH AMERICA

AFRICA

*Indian Ocean*

AUSTRALIA