

# UBC VANCOUVER SUMMER PROGRAM IN STATISTICS AND DATA SCIENCE



JULY 12 TO  
AUGUST 12,  
2024

Participate in a four-week intensive and immersive academic adventure to practice marketable data science skills and explore Canadian nature and culture.

***Attention International Students:  
Unlock the Power of Data! Join us  
at UBC Vancouver Summer  
Program, 2024!***

## **CONTACT US**

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**THE UNIVERSITY OF BRITISH COLUMBIA**  
**Applied Statistics and Data Science Group**  
Department of Statistics



# STATISTICS AND DATA SCIENCE PACKAGE

## DATA SCIENCE ESSENTIALS: STATISTICS, TOOLS AND TECHNIQUES

### STATISTICAL LITERACY AND REASONING IN DATA SCIENCE

Dive into the core of data understanding! Develop statistical literacy and reasoning skills to make informed, data-driven decisions. From study design to data collection, you'll master the essentials. Gain hands-on experience through practical exercises, assignments, and a group project. Unlock your potential to organize, analyze, and present data effectively.

### DATA SCIENCE TOOLS AND ADVANCED MODELING TECHNIQUES

Equip yourself with the latest data science tools! Learn data manipulation, advanced statistical models, and delve into the world of neural networks and deep learning. Master Git for version control and collaborative, reproducible research. Leverage statistical reasoning for impactful data storytelling. Elevate your skills in data manipulation, visualization, and communication.



**Program Fee: Total July session cost is 5,825 CAD.**

The program fee per student includes:

- Course materials and tuition fee.
- Campus accommodation.
- Shuttle bus transportation to and from airport.
- Vancouver city tour
- Orientation and farewell events.
- Social activities (additional fees may apply to some social activities).

**Register here (or use the QR code):**

<https://vancouversummerprogram.ubc.ca/course-packages/science-statistics-and-data-science-july-2024/>

### STUDENT EXPERIENCE

Participating in the UBC Vancouver Summer Program means mingling with your peers from around the world, exchanging knowledge and experiences, as well as getting a taste of living on one of the most beautiful and vibrant campuses. Exploring the offers from Vancouver city and its stunning nature will make a memorable experience.



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