



THE UNIVERSITY OF BRITISH COLUMBIA

Applied Statistics and Data Science Group

Department of Statistics

UBC VANCOUVER SUMMER PROGRAM

In **STATISTICS AND DATA SCIENCE**

STATISTICS AND DATA SCIENCE PACKAGE

DATA SCIENCE ESSENTIALS: STATISTICS, TOOLS AND TECHNIQUES

Course 1: STATISTICAL LITERACY AND REASONING IN DATASCIENCE

Explore the fundamentals of data understanding! Develop your reasoning and statistical literacy to make well-informed, data-driven decisions. You will learn the fundamentals of everything from study design to systematic data collection to analysis, interpretation and presentation. Get practical experience through group projects, assignments, exercises and presentations. Ideal for anyone who aims to develop their capacity for efficient data organization, analysis, and presentation!

Course 2: DATA SCIENCE TOOLS & ADVANCED MODELING TECHNIQUES

In this approachable course for beginners, learn the fundamentals of data science through practical application! Learn data processing, visualization, advanced statistical modeling, and R programming (no prior knowledge is required). Develop organizational and collaborative abilities through reproducible research workflows as you examine machine learning ideas and assess model performance. Ideal for anyone looking to increase their technical proficiency and self-assurance in data science!

Website Registration

<https://vancouversummerprogram.ubc.ca/course-packages/science-statistics-and-data-science-july-2025/>

QR Code Registration



E-mail: vsp@stat.ubc.ca



Applied Statistics and Data Science Group
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Unlock the power of Data!

Join us at UBC Vancouver Summer Program, 2025

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.



Limited Seats Available!
Enroll Now to Secure Your Spot

Duration: 4 Weeks
Mode: In-class
Start Date: July 11 - August 10, 2025
Price: \$5975 CAD

- ✓ Course materials and tuition fee
- ✓ Campus accommodation
- ✓ Shuttle bus transportation
- ✓ Orientation and farewell events
- ✓ Social activities

*additional fees may apply to some social activities

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