

UBC Vancouver Summer Program

July 14 - August 14, 2018



THE UNIVERSITY OF BRITISH COLUMBIA

AN INTRODUCTION TO THE VSP

The Vancouver Summer Program (VSP) is a four-week academic program offered by various faculties at the University of British Columbia, Canada for students from cooperating universities.

The program provides the opportunity to take two academic courses while learning about Canadian practices and culture.



VSP PROGRAM BENEFITS

Gain an international academic experience

Study at North America's most international university*

Meet students from other universities and Canadian students through socio-cultural activities

Learn about Canadian culture and society

**Times Higher Education's "World's Most International Universities 2017" ranking*



ABOUT VANCOUVER

Vancouver is the third largest city in Canada, located in the southwest corner of British Columbia.

40 minutes away from the United States border

Population 2.4 million



ABOUT VANCOUVER

Consistently rated as one of the best places to live in the world in terms of quality of life, opportunities, cultural diversity, political stability, and a healthy environment

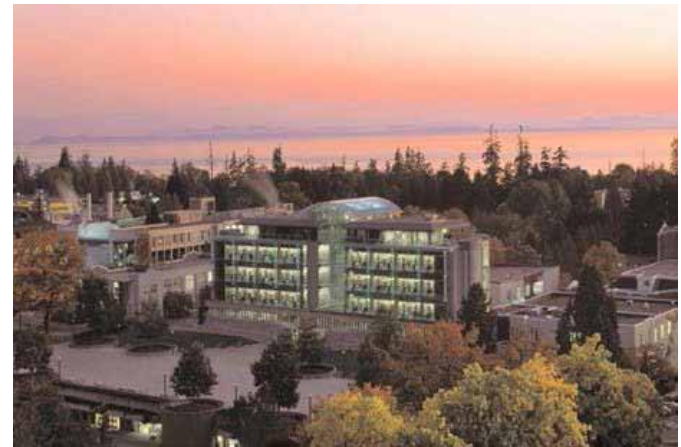


THE UNIVERSITY OF BRITISH COLUMBIA

Canada's education ranks amongst the best in the world

UBC is a global centre for research and teaching, ranking among the world's top 20 public universities

17 faculties, 14 schools, and 1 college offer a wide range of study options



UBC AT A GLANCE

- **62,923** students (Vancouver: 54,236; Okanagan: 8,687)
- **14,434** international students from 162 countries
- **12,800** degrees granted in 2016
- **318,000+** alumni in 150 countries
- **15,660** faculty and staff
- **\$2.5 billion** annual operating budget
- **\$580 million** per year in research funding for 8,808 projects
- **199** companies spun off from UBC research
- **\$12.5 billion** in economic impact
- **7** Nobel prize winners among current or former faculty and alumni
- **34th** in Times Higher Education world rankings (2017/2018)

www.ubc.ca/facts



UBC CAMPUS

The UBC Campus is a 20-minute drive from downtown Vancouver

More than 400 hectares in size, the stunning campus is surrounded by forest on three sides and ocean on the fourth



VSP COURSE PACKAGES

There are two courses in each package

Each course is about 39 hours of class time

Classes are interactive and often include group work and discussions

Evaluation may include assignments, group projects, papers, exams, and participation marks

Courses do not receive UBC credit but credit may be granted by the student's home university (at its discretion)



VSP PROGRAM PACKAGES

July 14 - August 14, 2018

Applied Science - Chemical Engineering

Package A - Introduction to Chemical and Biological Engineering

Harnessing Chemistry: An Introduction to Matter, Energy, and Chemical Engineering

Harnessing Nature: An Introduction to Biological Engineering

Package B - Engineer, Brew, Drink

Early Morning Engineering: The Science and Engineering of Coffee Production

Late Night Engineering: The Science and Engineering of Beer and Wine Production

Applied Science - Civil Engineering

Package A - Structural Materials

Structural Materials

Laboratory Testing of Structural Materials

Package B - Advanced Concrete Structures

Advanced topics in Concrete Technology

Experimental Studies of Structural Concrete Elements

Applied Science - Electrical and Computer Engineering

Package A - Introduction to Electrical and Computer Engineering

Introduction to Digital Technology and Smart Devices

Introduction to Electric Circuits, Sensors, and Power

Package B - Renewable Energy and Power Conversion

Introduction to Renewable Energy

Electricity and Conversion for Renewable Power

Package C - Communication and Digital Systems

Communication Systems: Technology Embedded in Daily Life

Introduction to Digital Systems Design with FPGAs

Package D - Engineering the Sound of Music

Music: An introduction to Electrical & Computer Engineering

Music Laboratory: Hands on Learning

Package E - Principles of the Modern Internet

Algorithms and the World Wide Web

Building Modern Web Applications

Many course packages have a minimum and maximum class size, so we encourage you to register your students early. Course packages that do not have the minimum number of students will not be offered, but students may transfer to other packages.

The most current information on course packages is on the website vancouversummerprogram.ubc.ca



VSP PROGRAM PACKAGES

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Architecture and Landscape Architecture

Package A - Wood + Architecture

Wood - Building by Nature

Designing with Wood

Package B - Urban Landscape Architecture

Design in the Public Realm

Green System Planning

Package C - Urban Design

Sustainability by Design

Perspectives on City Making

Arts

Package A - Global Migration, Local Communities: Asian Canadian Histories

Is Asia in Vancouver: Academic Perspectives

Is Asia in Vancouver: Community-Based Research

Package B - Global Journalism, Culture and Communications: Practice and Principles

Culture and Communication

Global Journalism

Package C - The English Language in a Globalized World

The History and Future of the English Language

How Human Language Works

Package D - International Finance, Trade and Politics

International Trade and Financial Markets

Dynamics of Democracy and Global Uprisings

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VSP PROGRAM PACKAGES

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Arts cont'd

Package E - Environmental Economics and Geographies of the Global Economy

Geographies of the Global Economy
Environmental Economics

Package F - Living on the Net: exploring information worlds and designing digital spaces

Networks, Crowds and Communities
Digital Information Interaction and Design

Package G - Computational Linguistics: From Search Engines to Social Media

Linguistics for Natural Language Processing
Computation for Natural Language Processing

Package H - From Stage To Screen: how Vancouver 'plays' to a Global Audience

From Drama to Theatre: How Does a Play Mean?
Documentary & the City

Business

Package A - International Business Management and International Marketing

International Business Management
International Marketing

Package B - Introduction to Marketing and Management and Organizational Behaviour

Introduction to Marketing
Management and Organizational Behaviour

Package C - Strategic Management and New Enterprise Development

Strategic Management
New Enterprise Development

Package D - Business Analytics and Supply Chain Management

Operations and Supply Chain Strategy
Business Analytics

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Community and Regional Planning

Package A - Big Data and New Technologies in Cities

Urban Big Data Analysis

Spatial Analysis Using Geographic Information Systems

Package B - Building Resilient Cities

Greening the City: Vancouver as a Case

Citizen Engagement for Behaviour Change

Dentistry

Dental Caries and Oral Cancer

Oral Cancer: Why Haven't the Clinical Outcomes Improved?

Dental Caries: The Most Common Infectious Disease in Humans

Education

Package A - Teaching and Learning English

Applied Linguistics for Teachers

Introduction to Teaching and Learning English

Package B - Early Childhood Education and Development

Designing High Quality Programs in Early Childhood Settings

Creating Environments to Support Learning in Early Childhood Settings

Package C - Classroom Management and Behavioural Assessment

Classroom Management

Assessment and Positive Behavioural Support in School and Community Settings

Package D - Food and Wellbeing - Learning the Connection

Eating food - an everyday experience

Thoughtful eating in a Globalized World

Package E - Culture, Creativity, and Learning Technologies

Digital Media in Arts Education

Learning Technologies and Creativity in the Digital Age

Forestry

Package A - Forest Management and the Effects of Carbon

An Introduction to the Ecology, Economics and Politics of Carbon

Sustainable Forest Management

Package B - Urban Forestry

An Introduction to Urban Forestry

Urban Green Spaces and Well-being

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Kinesiology

Package A - Sport and Exercise Performance

Sport and Exercise Psychology

Clinical Exercise Physiology

Package B - Coaching Science

Foundations of Coaching

Sport Psychology for Coaching

Package C - Clinical Kinesiology

Clinical Exercise Physiology

Health and Physical Activity Behaviour

Land and Food Systems

Package A - Food Science and Sensory Evaluation

Introduction to Food Science

The Science of Sensory Evaluation

Package B - Agribusiness Management

Food and Agribusiness Enterprise Management

Food and Agribusiness Marketing Management

Package C - Nutrition and Healthy Eating

Essentials of Nutrition

Healthy Cooking and Eating in Canada's Multicultural Context

Medicine

Package A - Clinical Research and Clinical Medicine

Introduction to Clinical Research in the Sciences

Introduction to Clinical Medicine at the Bedside

Package B - Pharmacology and Critical Analysis in Medicine and Science

Pharmacology through Case Studies

Primary Literature Analysis in Science and Medicine

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VSP PROGRAM PACKAGES

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Medicine cont'd

Package C - Anatomy and Radiology: Interactive Learning to Enhance Understanding

Introduction to Medical Imaging: Understanding Radiologic Normal Anatomy and Disease using Cutting-Edge Technology
Introduction to Anatomy using a Hands-on Approach

Package D - Biochemistry and Molecular Biology in Human Health, Disease, and the Environment

Molecular Mechanisms of Disease
Biochemistry and Society: Current Issues (Biochemistry and Molecular Biology)

Package E - The Science and Treatment of Psychiatric Disorders

The Science behind the Mind
Psychiatric Disorders and their Pharmacological Treatments

Package F - Major Mental Illnesses and Psychotherapy

Mood Disorders and Psychosis
Introduction to Psychotherapy

Package G - Introduction to Population and Public Health

Social Determinants of Health
Introduction to Population and Public Health Practice

Package H - Understanding the Recovery and Treatment from Injury and Chronic Disease

Exercise is Medicine
Recovery from Injury

Package I - Medical Laboratory Science

Introduction to Medical Laboratory Science
Fundamental Techniques for Clinical and Medical Research Laboratories

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VSP PROGRAM PACKAGES

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Medicine cont'd

Package J - Anatomical Sciences

Principles of Body Structure and Function
Applied Neuroanatomy

Nursing

Health Research Methods

Introduction to Research Methods in the Health Sciences
Introduction to Visual Methods in Health Research

Pharmaceutical Sciences

Package A - Making Better Medicines

The Discovery of New Medicines
Personalizing Medicines with Genomics and Biotechnology

Package B - Applied Clinical Pharmacy

Adverse Drug Related Events and Drug Interactions
Principles of Medication Safety

Science - Earth Ocean and Atmospheric Sciences

Package A - The Dynamic Earth and its Beautiful Treasures

The Dynamic Planet
Earth Treasures

Package B - The Earth's Oceans, Atmosphere and Climate

Ocean and Atmosphere Systems
Marine Biodiversity

Science - Integrated Sciences

Package A - Game Theory and Symmetry

Game Theory
Symmetry

Package B - Science and Medicine

Evolutionary Medicine
Scale and Measurement in Science and Medicine

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SAMPLE JULY VSP SCHEDULE

July 2018 VSP Sample Class and Social Schedule									
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY		
						Jul-14 <i>Airport Pickup †</i> Check-in 15:00	Jul-15		
	Jul-16	Jul-17	Jul-18	Jul-19	Jul-20	Jul-21	Jul-22		
9:00 - 12:00	Orientation and Faculty Welcome	City tour	Class A	Class A	Class A	Victoria Day Trip (optional)*	Whistler Day Trip (optional)*		
13:30 - 16:30	Campus Tour	Class B	Class B	Class B	Sports Festival (13:00 - 16:00)				
Evening	UBC Welcome (16:30 - 18:00)		Optional tours ticket purchase at Merit Travel office (17:00 - 19:30) and Wednesday only at Gage Residence (17:00 - 19:30)						
	Jul-23	Jul-24	Jul-25	Jul-26	Jul-27	Jul-28	Jul-29		
9:00 - 12:00	Class A	Class A	Class A	Class A	Intercultural Communication Class	Victoria Day Trip (optional)*	Whistler Day Trip (optional)*		
13:30 - 16:30	Class B	Class B	Class B	Class B					
Evening		Vancouver Art Gallery						Richmond Night Market	
	Jul-30	Jul-31	Aug-01	Aug-02	Aug-03	Aug-04	Aug-05		
9:00 - 12:00	Class A	Class A	Class A	Class A		Whistler Day Trip (optional)*	Victoria Day Trip (optional)*		
13:30 - 16:30	Class B	Class B	Class B	Class B					
Evening			Mini Grad Fair (17:00 - 19:00)	Museum of Anthropology	Students often use this time for sightseeing trips to Rocky Mountains or other destinations at their own cost				
	Aug-06	Aug-07	Aug-08	Aug-09	Aug-10	Aug-11	Aug-12	Aug-13	Aug-14
9:00 - 12:00	BC Day Statutory Holiday	Class A	Class A FINAL EXAM	Class B FINAL EXAM					<i>Airport Drop Off †</i> Check-out 11:00
13:30 - 16:30		Class B	Evaluations	Farewell Luncheon (12:00 -14:00)					
Evening						Students often use this time for sightseeing trips to Rocky Mountains or other destinations at their own cost			

Legend
UBC Organized Event
Faculty Organized Event
*Trips arranged by non-UBC Travel Company at additional cost

Note: Schedules for each of the individual packages will be finalized closer to the program dates; schedules for the course packages will vary by faculty. Please check with your faculty coordinator prior to finalizing your after school plans on weekdays.

†Individuals arriving/departing outside of group flights and regular hours will be expected to make their own way to UBC campus/YVR Airport.



VSP ACCOMMODATION

- Students will be assigned either shared apartments or semi-private unit accommodation on campus
- Easy access to classrooms, recreation and campus amenities
- Wired high speed internet in guest rooms
- Laundry on site



If capacity in the apartments and semi-private units are exceeded, students will be placed in traditional student dormitories



VSP ACCOMMODATION

Shared apartments (6 bedrooms)

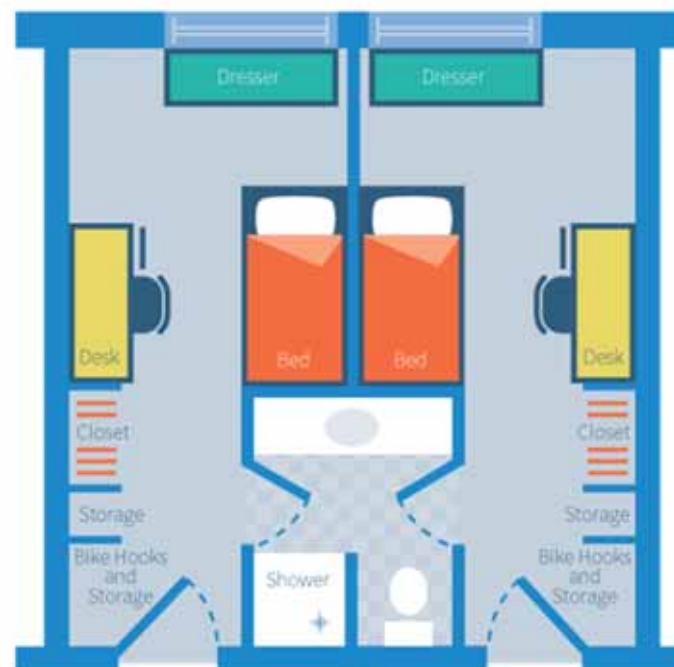
- Private bedrooms with single bed
- In-suite bathroom
- Shared living space with TV
- Equipped kitchen



VSP ACCOMMODATION

Semi-Private Units (2 bedrooms)

- Private bedrooms with single bed
- Shared washroom and shower
- Shared floor lounge with TV, fridge, and microwave
- No kitchen facilities
- Breakfast provided Monday to Friday



Students may also be assigned to traditional student dormitories.



VSP PROGRAM FEE

The package fee per student is \$5100 CAD for the July 2018 program and it includes:

- Two courses
- Course materials
- Medical insurance
- Group airport transfers and city tour
- Shared accommodation July 14 – August 14, 2018
- Orientation and farewell events
- Socio-cultural activities
(optional trips may require an additional fee)



YOUR VSP CONTACTS

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