

UBC Vancouver Summer Program

July 15 - August 15, 2017



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 cohorts of students from cooperating universities

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



VSP PROGRAM BENEFITS

Study at a world-renowned university

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

Improve your English skills

Learn about Canadian culture and society



ABOUT VANCOUVER

- Vancouver is located in the southwest corner of British Columbia – one of Canada's 10 provinces and 3 territories
- 40 minutes away from the United States border
- Population 2.3 million
- 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



UNIVERSITY OF BRITISH COLUMBIA

- Canada's education ranks amongst the best in the world
- UBC is Canada's third largest university and a leader in research
- 18 faculties, 12 schools, and 2 colleges offer a wide range of study options
- The UBC Campus is a 20-minute drive from downtown Vancouver
- The 1000-acre campus is surrounded by the Pacific Ocean with snow-capped mountains in the distance



UBC AT A GLANCE

- **61,113** students (Vancouver: 52,721; Okanagan: 8,392)
- **13,189** international students from 155 countries
- **12,841** degrees granted in 2015
- **306,000+** alumni in 140 countries
- **15,190** faculty and staff
- **\$2.3 billion** annual operating budget
- **\$600 million** per year in research funding for 8,766 projects
- **180** 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

www.ubc.ca/facts



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 15 - August 15, 2017

Applied Science - Chemical Engineering

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

Harnessing Nature: An Introduction to Biological Engineering

Applied Science - Civil Engineering

Structural Materials

Laboratory Testing of Structural Materials

Applied Science - Electrical and Computer Engineering

Package A - Renewable Energy and Power Conversion

Introduction to Renewable Energy Systems

Electricity and Conversion for Renewable Power

Package B - Electrical and Computer Engineering

Communication Systems: Technology Embedded in Daily Life

Introduction to Digital Systems Design with FPGAs

Package C - Principles of the Modern Internet

Algorithms and the World Wide Web

Building Modern Web Applications

Architecture and Landscape Architecture

Package A - Thinking by Design

Design thinking and strategic design

Design thinking as a practice

Package B - Architecture in Wood

Wood as a Building Material

Case studies in building with wood

Package C - Urban Design

Sustainability by design

Perspectives on city making

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

July 15 - August 15, 2017

Arts

Package A - The World of Manga and Anime: From Writing to Theory

Manga and Anime in the World

Writing for Graphic Forms: Manga

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

Package E - Environmental Economics and Geographies of the Global Economy

Geographies of the Global Economy

Environmental Economics

Package F - Asia in the World: Transformation and Global Impact on Economic, Security, and Environmental Dimensions

Power, Prosperity, and Security in East Asia: Challenges and Opportunities for States and People

East Asia in the Changing Global Political Economy

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

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VSP PROGRAM PACKAGES

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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

Business Analytics
Supply Chain Management

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 English Teachers
Introduction to Teaching and Learning English

Package B - Language in Canada and beyond

Language practices in Canada: A multilingual land
Language across borders and boundaries

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Education cont'd

Package C - Classroom Management and Behavioural Assessment

Classroom Management

Assessment and Positive Behaviour Support in School and Community Settings

Package D - Current Trends in North American Art Education

Pedagogical Possibilities of Contemporary Art Practice

Project-based Digital Visual Culture in Art Education

Package E - Culture, Creativity, and Learning Technologies

Digital Media in Arts Education

Learning Technologies and Creativity in the Digital Age

Package F - Food and Wellbeing—Learning the Connection

Food - An Everyday Experience

Thoughtful Eating in a Globalized World

Package G - Exploring (IB)-- Internationally-minded Approaches to Education

Effective Classroom Teaching (IB)

Curriculum Design and Student Evaluation (IB)

Package H - Early Childhood Education and Development

Designing High Quality Curriculum in Early Childhood Settings

Creating Environments to Support Learning in Early Childhood Settings

Package I - School Curriculum and Educational Leadership

Introduction to Curriculum and Pedagogy

Educational Leadership in School Settings

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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 - Wood Products and Machinery

Manufacturing of Wood Products
Introduction to Woodworking Machinery

Package C - Urban Forestry

An Introduction to Urban Forestry
Green-Space Management in North America

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

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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 - Nutritional Sciences

Essentials of Nutrition

Healthy Eating - The Canadian Way

Package D - Eat. Write. Here: Food Literature and Food Literacy in Vancouver

Food Literature

Food Literacy

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

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

Environmental Biochemistry

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VSP PROGRAM PACKAGES

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Medicine cont'd

Package E - The Science Behind the Mind and Psychiatric Disorders and their Pharmacological Treatments

Introduction to the Science Behind the Mind

Introduction to Psychiatric Disorders and their Pharmacological Treatment

Package F - Major Mental Illnesses and Psychotherapy

Mood Disorders and Psychosis: Assessment and Diagnosis

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

Package J - Anatomical Sciences

Principles of Body Structure and Function

Applied Neuroanatomy

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Pharmaceutical Sciences

Making Better Medicines

The Discovery of New Medicines

Personalizing Medicines with Genomics and Biotechnology

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 2017 VSP Sample Class and Social Schedule								
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	
						Jul-15	Jul-16	
						Airport Pickup† Check-in 15:00		
	Jul-17	Jul-18	Jul-19	Jul-20	Jul-21	Jul-22	Jul-23	
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-24	Jul-25	Jul-26	Jul-27	Jul-28	Jul-29	Jul-30	
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-31	Aug-01	Aug-02	Aug-03	Aug-04	Aug-05	Aug-06	
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		Museum of Anthropology	Mini Grad Fair (17:00 - 19:00)		Students often use this time for sightseeing trips to Rocky Mountains or other destinations at their own cost			
	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				
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			Airport Drop Off† Check-out 11:00

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.

†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)

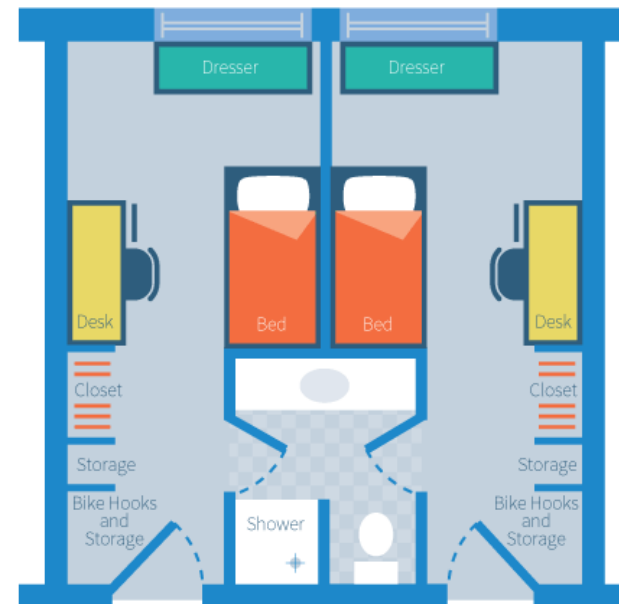
- Private bedrooms with single bed
- In-suite bathroom
- Shared living space with TV
- Equipped kitchen



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 semi-private or dormitory style accommodation which will not have cooking facilities



VSP PROGRAM FEE

The package fee per student is \$4750 CAD for the July 2017 program and it includes:

- Two courses
- Course materials
- Medical insurance
- Group airport transfers and city tour
- Shared accommodation July 15 – August 15, 2017
- Orientation and farewell events
- Socio-cultural activities
(optional trips may require an additional fee)



YOUR VSP CONTACTS

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