

# UBC Vancouver Summer Program

## July 15 - August 15, 2017



THE UNIVERSITY OF BRITISH COLUMBIA

# AN INTRODUCTION TO THE VSP

The ~~Young Professionals Summer Program (YSP)~~ 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** ~~at least 100 students from 100 different countries and Canadian at a time~~ students from 100 different countries and Canadian at a time 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](http://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.

Students may receive credit for these courses at their 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

*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 a Modern Web Application*

## 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](http://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 (Cancelled)

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

*Linguistics for Natural Language Processing*  
*Computation for Natural Language Processing*

### Package H - ~~From Steam To Google: How Video 'plays' to a Global Audience~~

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

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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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July 15 - August 15, 2017

## 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

*Using Effective Classroom Learning*

*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 Science and Atmospheric Science

### 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				Airport Drop Off 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.





# 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)

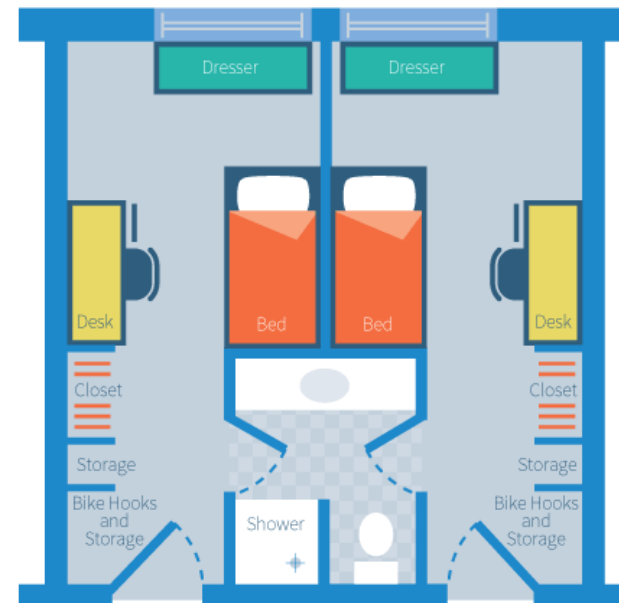
Private bedrooms with single bed

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

## Inquiries from Asia:

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## For all other inquiries:

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