UBC Vancouver Summer Program
June 8 - July 8, 2019

vancouversummerprogram.ubc.ca

The University of British Columbia has an exciting summer program for international undergraduate students from various universities to study at UBC. This four-week program, offered by several UBC faculties, gives students the opportunity to take two academic courses while learning about Canadian culture and practices.

The 2019 UBC Vancouver Summer Program fee of CAD $5250 includes:
- Two courses
- Medical insurance
- Group airport transfer
- Course materials
- City tour
- Socio-cultural activities
- Shared on-campus accommodation
- Orientation and farewell events
- Optional trips may require additional fees

Choose from one of the following two-course packages:

Applied Science - Electrical and Computer Engineering
Package A – Introduction to Electrical and Computer Engineering (ELEC A JUNE)
Introduction to Digital Technology and Smart Devices
Introduction to Electric Circuits, Sensors, and Power

Package B - Renewable Energy and Power Conversion (ELEC B JUNE)
Introduction to Renewable Energy
Electricity and Conversion for Renewable Power

Architecture and Landscape Architecture
Package A - Thinking by Design (ARCH A JUNE)
Design Thinking Through Making
Design Thinking Through Drawing

Arts
Package A – From Stage to Screen: How Vancouver 'plays' to a Global Audience (ARTS A JUNE)
From Drama to Theatre: How Does a Play Mean?
Documentary & the City

Package B - Global Journalism, Culture and Communications: Practice and Principles (ARTS B JUNE)
Culture and Communications
Global Journalism

Package C - The English Language in a Globalized World (ARTS C JUNE)
The History and Future of the English Language
How Human Language Works

Package D - International Finance, Trade and Politics (ARTS D JUNE)
International Trade and Financial Markets
Dynamics of Democracy and Global Uprisings

Business
Package A - International Business Management and International Marketing (BUS A JUNE)
International Business Management
International Marketing

Package B – Strategic Management and New Enterprise Development (BUS B JUNE)
Strategic Management
New Enterprise Development

Community and Regional Planning
Package A - Big Data and New Technologies in Cities (PLAN A JUNE)
Urban Big Data Analysis
Spatial Analysis Using Geographic Information Systems

Education
Package A - Teaching and Learning English (EDU A JUNE)
Applied Linguistics for Teachers
Introduction to Teaching and Learning English

Package B - Early Childhood Education and Development (EDU B JUNE)
Designing High Quality Programs in Early Childhood Settings
Creating Environments to Support Learning in Early Childhood Settings

Forestry
Package A - Urban Forestry (FOR A JUNE)
An Introduction to Urban Forestry
Urban Forestry and Well-being

Land and Food Systems
Package A - Nutrition and Healthy Eating (LFS A JUNE)
Essentials of Nutrition
Healthy Cooking and Eating in Canada's Multicultural Context

Medicine
Package A - Clinical Research and Clinical Medicine (MED A JUNE)
Introduction to Clinical Research in the Sciences
Introduction to Clinical Medicine at the Bedside

Package B - Health Care and Living with Long-Term Conditions in the Community (MED B JUNE)
Health Care and Living with Long-Term Conditions
Strategies for Cognitive, Psychosocial and Rehabilitation Management of Long-Term Conditions

For further details and the most current course package information, visit vancouversummerprogram.ubc.ca or contact:

Asia:
Ms. Winty Cheung
UBC Asia Pacific Regional Office, Hong Kong
winty.cheung@apro.ubc.ca
852.2111.4401

South Asia and the Middle East:
Mr. Stephen Kumar
UBC India Liaison Office, New Delhi
stephen.kumar@ubc.ca
91.11.4606.1905

All other regions:
Ms. Marg Toronchuk
University of British Columbia, Vancouver
marg.toronchuk@ubc.ca
1.604.822.0158

THE UNIVERSITY OF BRITISH COLUMBIA

UBC Vancouver Summer Program
June 8 – July 8, 2019

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 international undergraduate* students from cooperating universities.

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

* Some packages may accept graduate students.

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

THE UNIVERSITY OF BRITISH COLUMBIA

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 of 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

UBC is a global centre for research and teaching, consistently ranked among the top 20 public universities in the world.

Two major campuses—in Vancouver and the Okanagan—attract, nurture and transform more than 60,000 students from Canada and 140+ countries around the world.

16 faculties, **18** schools, and **2** colleges offer a wide range of study options

UBC AT A GLANCE

- **65,012** students (Vancouver: 55,887; Okanagan: 9,125)

- **16,188** international students from 156 countries

- **13,237** degrees granted in 2017

- **325,000+** alumni in 140 countries

- **16,089** faculty and staff

- **$2.6 billion** annual consolidated budget

- **$658 million** per year in research funding for 8,973 projects

- **207** companies spun off from UBC research

- **8** Nobel prize winners among current or former faculty and alumni

- **34th** in Times Higher Education world rankings (2017/2018), one of three Canadian universities in the top 50
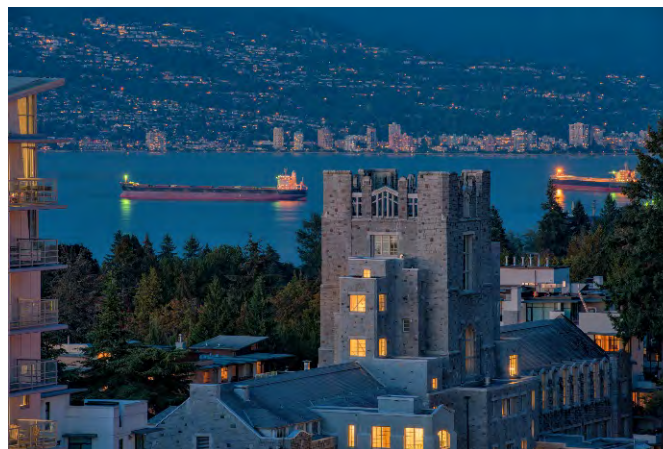
www.ubc.ca/facts

THE UNIVERSITY OF BRITISH COLUMBIA

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
JUNE 8 – JULY 8, 2019

Applied Science - Electrical and Computer Engineering

Package A – Introduction to Electrical and Computer Engineering (ELEC A JUNE)
Introduction to Digital Technology and Smart Devices
Introduction to Electric Circuits, Sensors, and Power

Package B - Renewable Energy and Power Conversion (ELEC B JUNE)
Introduction to Renewable Energy
Electricity and Conversion for Renewable Power

Architecture and Landscape Architecture

Package A - Thinking by Design (ARCH A JUNE)
Design Thinking Through Making
Design Thinking Through Drawing

Arts

Package A – From Stage to Screen: How Vancouver 'plays' to a Global Audience (ARTS A JUNE)
From Drama to Theatre: How Does a Play Mean?
Documentary & the City

Package B - Global Journalism, Culture and Communications: Practice and Principles (ARTS B JUNE)
Culture and Communications
Global Journalism

Package C - The English Language in a Globalized World (ARTS C JUNE)
The History and Future of the English Language
How Human Language Works

Package D - International Finance, Trade and Politics (ARTS D JUNE)
International Trade and Financial Markets
Dynamics of Democracy and Global Uprisings

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.

Visit vancouversummerprogram.ubc.ca for the most current information on course packages.

THE UNIVERSITY OF BRITISH COLUMBIA

VSP PROGRAM PACKAGES
JUNE 8 – JULY 8, 2019

Business

Package A - International Business Management and International Marketing (BUS A JUNE)
International Business Management
International Marketing

Package B – Strategic Management and New Enterprise Development (BUS B JUNE)
Strategic Management
New Enterprise Development

Community and Regional Planning
Package A - Big Data and New Technologies in Cities (PLAN A JUNE)
Urban Big Data Analysis
Spatial Analysis Using Geographic Information Systems

Education

Package A - Teaching and Learning English (EDU A JUNE)
Applied Linguistics for Teachers
Introduction to Teaching and Learning English

Package B - Early Childhood Education and Development (EDU B JUNE)
Designing High Quality Programs in Early Childhood Settings
Creating Environments to Support Learning in Early Childhood Settings

Forestry
Package A - Urban Forestry (FOR A JUNE)
An Introduction to Urban Forestry
Urban Forestry and Well-being

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.

Visit vancouversummerprogram.ubc.ca for the most current information on course packages.

THE UNIVERSITY OF BRITISH COLUMBIA

VSP PROGRAM PACKAGES
JUNE 8 – JULY 8, 2019

Land and Food Systems

Package A - Nutrition and Healthy Eating (LFS A JUNE)

Essentials of Nutrition
Healthy Cooking and Eating in Canada's Multicultural Context

Medicine

Package A - Clinical Research and Clinical Medicine (MED A JUNE)

Introduction to Clinical Research in the Sciences
Introduction to Clinical Medicine at the Bedside

Package B - Health Care and Living with Long-Term Conditions in the Community (MED B JUNE)

Health Care and Living with Long-Term Conditions
Strategies for Cognitive, Psychosocial and Rehabilitation
Management of Long-Term Conditions

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.

Visit vancouversummerprogram.ubc.ca for the most current information on course packages.

THE UNIVERSITY OF BRITISH COLUMBIA

SAMPLE JUNE VSP SCHEDULE

2019 JUNE VSP Sample Class and Social Schedule						
	MONDAY	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**	**SATURDAY**	**SUNDAY**
						Jun-08	Jun-09
						Airport Pickup† Check-in 15:00	
	Jun-10	Jun-11	Jun-12	Jun-13	Jun-14	Jun-15	Jun-16
9:00 - 12:00	**Orientation and Faculty Welcome**	**City Tour**	Class A	Class A	Class A	Whistler Day Trip (optional)*	
13:30 - 16:30	**Campus Tour**	Class B	Class B	Class B	**Sports Festival** (13:00 - 15:00)		
Evening	**UBC Welcome** (16:30 - 18:00)	Registration for Optional Tours			Richmond Night Market		
	Jun-17	Jun-18	Jun-19	Jun-20	Jun-21	Jun-22	Jun-23
9:00 - 12:00	Class A	Class A	Class A	Class A	Class A		Vancouver Whitecaps FC
13:30 - 16:30	Class B	Class B	Class B	Class B	Class B		
Evening			Improv Night		MoA Tour		
	Jun-24	Jun-25	Jun-26	Jun-27	Jun-28	Jun-29	Jun-30
9:00 - 12:00	Class A	Class A	Class A	Class A	Class A	Victoria Day Trip (optional)*	
13:30 - 16:30	Class B	Class B	Class B	Class B	Class B		
Evening		Vancouver Canadians	**Mini Grad Fair** (17:00 - 18:00)				
	Jul-01	Jul-02	Jul-03	Jul-04	Jul-05	Jul-06	Jul-07	Jul-08
9:00 - 12:00	**Canada Day Statutory Holiday**	Class A FINAL EXAM	Class B FINAL EXAM					*Airport Drop Off†* Check-out 11:00
13:30 - 16:30		**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				

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

Legend

UBC Organized Event

Faculty Organized Event

*Trips arranged by non-UBC Travel Company at additional cost

Note: Schedules for 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 before finalizing your after school plans on weekdays.

THE UNIVERSITY OF BRITISH COLUMBIA
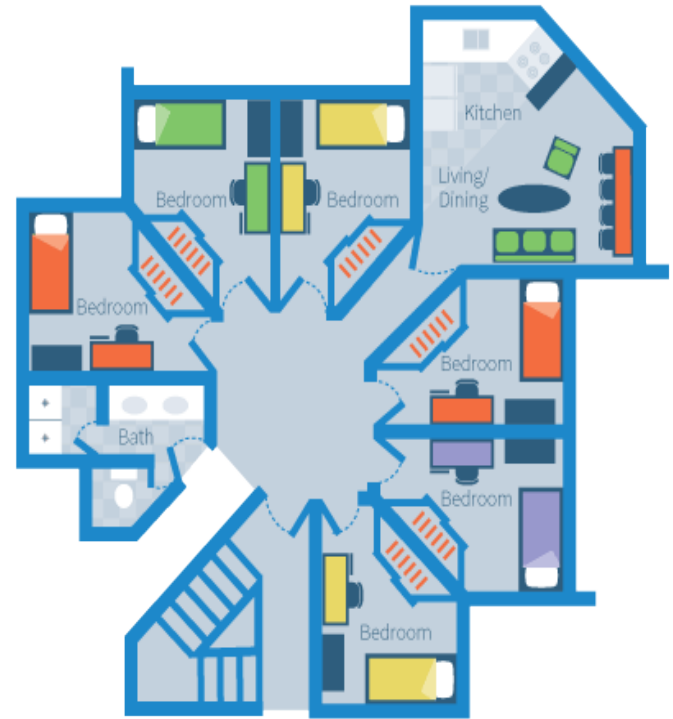
VSP ACCOMMODATION

- Shared apartments

- Easy access to classrooms, recreation and campus amenities

- Wireless internet access in guest rooms

- Laundry on site

VSP ACCOMMODATION

Shared apartments (6 bedrooms)

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

Students may also be assigned to dormitory style accommodation which will not have cooking facilities

VSP PROGRAM FEE

The package fee per student is $5250 CAD for the June 2019 program and it includes:

- Two courses
- Course materials
- Medical insurance
- Group airport transfers and city tour
- Shared accommodation June 8 – July 8, 2019
- Orientation and farewell events
- Socio-cultural activities
    (optional trips may require additional fees)

YOUR VSP CONTACTS

Inquiries from Asia:

Ms. Winty Cheung
Executive Director
UBC Asia Pacific Regional Office, Hong Kong
winty.cheung@apro.ubc.ca
852.2111.4401

South Asia and the Middle East:

Mr. Stephen Kumar
Executive Associate
UBC India Liaison Office
stephen.kumar@ubc.ca
91.11.4606.1905

For all other inquiries:

Ms. Marg Toronchuk
Program Coordinator
UBC Vancouver Summer Program
Vancouver, Canada
marg.toronchuk@ubc.ca
1.604.822.0158

vancouversummerprogram.ubc.ca

THE UNIVERSITY OF BRITISH COLUMBIA

THE UNIVERSITY OF BRITISH COLUMBIA

UBC Vancouver Summer Program
June 8 – July 8, 2019
Course Package Offerings

Enhance your students' learning experiences with study in an international setting in Vancouver, BC Canada! We welcome each university to organize a group of students to study course packages on the beautiful campus of the University of British Columbia.

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

For inquiries from Asia:
Ms. Winty Cheung
Executive Director
UBC Asia Pacific Regional Office
winty.cheung@apro.ubc.ca
852.2111.4401

South Asia and the Middle East:
Mr. Stephen Kumar
Executive Associate
UBC India Liaison Office
stephen.kumar@ubc.ca
91.11.4606.1905

For all other regions:
Ms. Marg Toronchuk
Program Coordinator
Vancouver Summer Program
University of British Columbia
marg.toronchuk@ubc.ca
1.604.822.0158

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

UBC Vancouver Summer Program

June 8 – July 8, 2019 Course Package Offerings

Applied Science – Electrical and Computer Engineering

Package A - Introduction to Electrical and Computer Engineering (ELEC A JUNE)

Introduction to Digital Technology and Smart Devices

New products (smart-home devices, portable electronics, cars, appliances) are getting more intelligent and more connected. Do you ever wonder what technology lies behind them? This course covers the fundamental ideas behind smart devices and modern electronics. We will study the building blocks of digital electronic systems, including small microcomputers, and how they interface with us. Our exploration will involve the design and implementation of machines that can read signals from the real world and make decisions digitally. This course will introduce the basics of microcontroller programming to perform smart tasks; additionally, it will cover the how different peripherals and sensors are used to communicate, and how the information they collect is stored. Regardless of your background, if you are interested in the world of modern electronics, this course is for you!

Introduction to Electric Circuits, Sensors, and Power

You need more than a digital system and basic programming to make your electronics work -- you need to understand electricity, sensors, and what it takes to bring everything to life. In this course, the basics of electricity and electrical circuits will be covered. You will learn about circuit fundamentals, amplifiers, and filters, which allow us to recover signals from devices such as microphones. Our look into sensors will allow us to detect physical magnitudes (like light, sound, pressure, color, temperature, and speed) and turn them into electrical signals that our microcontroller can understand. Finally, we will explore the circuits that give power to our electronics and bring them to life. Along with an introduction to digital electronics, this course will allow you to build simple systems to develop and interface with electronics systems.

Package B - Renewable Energy and Power Conversion (ELEC B JUNE)

Introduction to Renewable Energy

Do you want to save the planet with green power? This course covers the fundamentals of renewable energy systems and includes topics on energy storage, power generation, distribution, transportation, and consumption. The course starts with an introduction to carbon emissions, climate change, and environmental pollution to emphasize the importance of sustainability. Students will learn about solar, wind and ocean power generation. Grid connection and microgrids will be explained, as well as battery storage and fuel cell systems. Modern loads such as LED lights and electric vehicles will be discussed around the concept of demand side management. Students in this course will gain skills on these emerging and key areas of green power and will have the opportunity to consider several case studies/examples. The course includes tutorials and demonstrations using simulation software and physical equipment. The planet will depend on engineers with a strong background in green power -- what could be more important?

Electricity and Conversion for Renewable Power

How do we generate renewable power? Renewable energy sources such as wind, solar, and ocean are intermittent and fluctuating. Changes in sun irradiance during the day, in wind speed variation, and changing ocean tidal velocity produce fluctuations in power generation. This course covers the fundamental of electricity and power conversion to transform variable/fluctuating energy into high quality power required to supply loads. The principles of power conversion for AC and DC system will

THE UNIVERSITY OF BRITISH COLUMBIA

be covered. Application examples will include power converters for battery chargers, solar inverters, wind/ocean power conversion, and traction for electric vehicles. The course will provide a strong theoretical background and enable students to understand renewable power conversion at the system level. A practical/applied component will be included, providing the student with real-world problem-solving scenarios, laboratory experiences and visits to UBC state of the art power facilities.

Pre-requisite: 1st year engineering or equivalent

Architecture and Landscape Architecture
Package A - Thinking by Design (ARCH A JUNE)
Design Thinking Through Making

The built environment is full of design problems. From products to cities, these problems don't have correct answers, but rather a range of possible solutions. To tackle these design problems, we need to explore different ways of thinking. In this hands-on course, you will learn to approach open-ended problems through the lens of a designer and explore the built environment through hands-on design projects. You will tackle each project in stages, from initial concept to final result, with interim reviews along the way. You will learn to communicate your ideas both verbally and to critically analyze the work of your classmates. Drawing from examples in architecture, landscape architecture, urban design, and product design, you will cultivate abstract thinking skills and increase your visual literacy.

Design Thinking Through Drawing

Drawing is an essential part of design thinking and communication. From sketches, to plans, to detailed diagrams, visual representation is a fundamental skill. While digital methods are increasingly common, the culture of putting pencil to paper is still at the heart of these techniques. This hands-on course introduces you to the drawing techniques used in architecture, landscape architecture, and urban design. Through lectures, field trips and in studio sessions, you will learn methods of visually communicating concepts and intent. With a focus on analog, the skills developed in this course will offer a strong base for further studies in design and design media.

Arts
Package A - From Stage to Screen: How Vancouver 'plays' to a Global Audience (ARTS A JUNE)
From Drama to Theatre: How Does a Play Mean? (Theatre)

This course will explore the languages of theatre within Vancouver's rich and lively performance culture. How do individual artists--directors, actors, designers--transform a playwright's ideas into unique and original art? In what ways, for example, will a Shakespeare play produced in Vancouver become a Canadian play? These questions and more will be explored in relation to two plays a week in production in Vancouver during the term. We will examine and discuss the play scripts, attend the plays, and meet "backstage" with some of the artists themselves. Plays chosen will span a variety of genres, including Shakespeare (in production at Bard on the Beach Shakespeare Festival), musicals (in production at Theatre Under the Stars and the Arts Club Theatre Company), plus additional dramas and comedies in production.

3

THE UNIVERSITY OF BRITISH COLUMBIA

UBC Vancouver Summer Program

June 8 – July 8, 2019 Course Package Offerings

Documentary & the City (Film)
For the first time in human history a majority of the world live in cities. While there are multiple threats posed by the growth of cities, such as poverty, migration, and social divisions, there are also surprising and innovative practices that emerge. The city of Vancouver is brimming with stories that can tell us many things about the world we live in. Focusing on documentary films and filmmaking, this course introduces students to these often hidden stories of the city through key writings, films, and direct engagement with life in Vancouver. Students will use creative methods to connect critical analysis with their everyday experiences, while authoring basic documentary projects in neighbourhoods throughout the city.

Package B - Global Journalism, Culture and Communications: Practice and Principles (ARTS B JUNE)

Culture and Communications (Anthropology)
Anthropology is the study of human societies and cultures and their development. A very important area of interest is human language. This course will examine the relationship between language and culture by covering key debates in the field including animal vs. human communication, cross-cultural differences, language policies and language change. Students will explore how language is involved in cultural constructions of race, gender, class and ethnicity. They will also analyze how language is understood in relation to power, political economy and language ideologies. Students will gain experience in meeting writing standards for UBC Arts/Anthropology courses and will receive individual feedback on writing assignments.

Global Journalism (Journalism)
This course will examine the development of media technologies, their applications, and their cultural, political and social impacts. Students will also gain hands-on experience in learning how to think and operate like a professional journalist in a simulated multimedia environment. It is designed to introduce students to the grammar and syntax of media across platforms, based on a core journalistic skill set of interviewing, reporting, news writing, and research methods in tandem with the most current technical tools.

Package C - The English Language in a Globalized World (ARTS C JUNE)

The History and Future of the English Language (English)
In order to contextualize present-day changes in English, the course will begin with a brief history of the English language. It will then examine issues such as the national dialects of English (e.g. Canadian English, British English, Singapore English), regional and social dialects, the effects of gender on language forms and use, language in computer-mediated discourse (in texts, emails, social media), and ongoing changes in contemporary English. The course will provide students with a better understanding of how English is used in different contexts, and the directions in which the language is heading in the 21st century.

How Human Language Works (Linguistics)
An introduction to how human languages work, examining the structures that underlie all languages, with special focus on the deep structure of English. The course asks what universal properties are shared by all languages, and how languages as divergent as English and Chinese can be different (or

THE UNIVERSITY OF BRITISH COLUMBIA

similar!) in terms of their sound systems, word-building, grammar, meaning, written form, and acquisition by children and adult learners. By the end of the course, students from varied language backgrounds should understand how knowledge of the universal properties of languages can deepen their understanding of English, of their own language(s), and of the amazing capacity of the human mind.

Package D - International Finance, Trade and Politics (ARTS D JUNE)
International Trade and Financial Markets (Economics)
The modern global economy is intricately tied together through networks of trade and financial interconnections. This course will give students an understanding of the structure and function of international trade and international financial markets. The course will give a basic introduction to the forces driving international trade in goods and financial assets among nations of the world. The major theories of international trade and financial markets will be reviewed. Topics covered will include the determinants of a country's trading pattern, recent trends in international trade such as offshoring and global supply chains, the role of financial markets in international development, the future of the Renminbi as an international currency, the understanding of international financial crises, and sovereign debt crises.

Dynamics of Democracy and Global Uprisings (Political Science)
We deal with some of the key concepts of political science, matching them with developments around the globe. We consider some of the concepts and controversies in defining democratic and non-democratic systems. How do we tell democratic systems from non-democratic ones? Are all democracies the same, or at least similar? Is citizen satisfaction a distinctive quality of those regimes? We then link these discussions to the rising waves of global discontent around the globe. The seemingly-universal quality of these uprisings give a strong indication that the struggles we are witnessing are no longer over democracy versus other systems; instead, what seems to be at issue are the meanings and practices largely associated with democratic regimes, the expectations of people, and what regimes provide. Finally, we focus on specific uprisings, chosen by the students, in an attempt to contextualize our discussions and make sense of recent global developments in an informed, thoughtful manner.

Business
Package A - International Business Management and International Marketing (BUS A JUNE)
International Business Management
This course is taught from the perspective of a senior manager at multinational enterprise. It analyzes the decisions made by firms in an international context. To do so it combines material from strategy, international finance, marketing, human resource management, positive trade theory, institutional trade policy, and other areas. It will emphasize the use of analytical tools and the development of oral and written communication skills. By design, the course is integrative, implying that there is some overlap with material taught in international marketing and finance courses.

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

International Marketing

This course examines the process of entering international markets and in conducting marketing operations on an international scale. Through lectures and practical assignments students will explore a broad range of global marketing issues and concepts. Specific objectives include understanding the role of marketing in business, analyzing the external issues affecting international marketing activities including the economic, social/cultural, and political/legal environment, identifying and assessing global marketing opportunities in the international marketplace, gaining experience in developing international marketing strategies, and planning to implement and adapt these activities in specific markets.

Package B - Strategic Management and New Enterprise Development (BUS B JUNE)

Strategic Management

Concepts and processes for the strategic management of private sector, single and multi-business unit enterprises are analyzed using the case method. Methodologies which draw on economic and organizational theory are integrated to form the foundations for strategic analyses. This course builds students' ability to analyze and develop business strategies by introducing frameworks and tools to understand the nature of competition in general and to analyze the specific competitive position and strategic options of a given firm. You will learn frameworks for analyzing industry structure, internal capabilities, and competitive interaction, as well as how to use those frameworks to critique a specific firm's competitive position and develop and evaluate strategic alternatives.

New Enterprise Development

This is an introductory course to the field of entrepreneurship. It is also useful to anyone who expects to be interacting with entrepreneurs in their business careers, be it as private investors, venture capitalists, consultants or customers. The course provides an experience-based exposure to the process of starting entrepreneurial ventures as well as examining the challenges facing any would-be entrepreneur in the real world. This includes developing business models and strategies for innovative products or services and strategies for acquiring resources, particularly financing.

Community and Regional Planning

Package A - Big Data and New Technologies in Cities (PLAN A JUNE)

Urban Big Data Analysis

With the advent of open data movement, knowledge and skills for collecting and analyzing big data become increasingly important for urban planners. This course will teach you how to harness the power of big data by mastering the way they are collected, organized, and analyzed to support better decision making in urban planning context. You will learn the basic tools needed to manipulate large datasets derived from various open-data platforms, from data collection to storage and approaches to analysis. You will capture and build data structures, perform SQL and basic queries in order to extract key metrics and insights. In addition, you will learn how to use open-source programming tools, such as R and Python, to analyze and visualize the data. These statistical tools and methods will be complemented by machine learning and pattern detection techniques, in addition to new technologies for big data.

6

Spatial Analysis Using Geographic Information Systems
GIS technology sits at the intersection of the world around us and our incredible computing capabilities that allows us to investigate and visualize that world in new and exciting ways. This course will introduce you to key concepts, methods, and tools used to collect, analyze, map, and visualize geospatial data. You will explore what makes spatial data special, some of the ways it is collected, and how it can be used to answer questions about the world around us. You will use geospatial data to help with decision making and to inform policy-making. You will use computer-based geographical methods of data input and analysis to model the world around them, to explore real-world scenarios, and present their findings to others. Practical applications will be investigated in both the natural and human realms through lectures, discussions, group exercises, and a hands-on computer lab component.

Education
Package A - Teaching and Learning English (EDU A JUNE)
Applied Linguistics for Teachers
Successful language teachers need to understand more than just the structure and nature of the language(s) they teach: they also need to develop an understanding of the social, cultural, and ideological implications of language and language education. Language classrooms are diverse, multilingual, multicultural and multimodal places, presenting students and teachers with unique challenges. This course serves as a general introduction to theory and research concerning these issues as they relate to learning and teaching, from the perspective of applied linguistics. Topics to be discussed include: theories of first- and second-language learning; the relationship of theoretical issues in applied linguistics to educational practice; language variation; language attitudes and ideologies; world Englishes; language and globalization; language policy; language and gender; language and race, and more.

Introduction to Teaching and Learning English
This course provides a general theoretical overview of and some practical preparation for English language teaching (ELT). Its scope is diverse as it considers approaches to language teaching, a range of teaching techniques and strategies, learner needs, instructional contexts, assessment, and sociocultural concerns, as they pertain to teaching English in a variety of contexts. The course examines ways to teach listening, speaking, reading, writing, grammar, and vocabulary but always with a view to integrating these skills. Students will have the opportunity to contribute to and learn from active engagement in discussions on contemporary ELT issues and topics.

Package B - Early Childhood Education and Development (EDU B JUNE)
Designing High Quality Programs in Early Childhood Settings
This course addresses the notion that children are natural learners. Students will learn about, discuss, and clarify important concepts and theories relative to early childhood education, including child development theory and the holistic nature of learning in the early years. The course highlights the idea that young children's innate capacity to learn and teachers' responses to children's inquiries provide the foundation for the development of high-quality early learning experiences for young children and impacts the type of programming that is created. Students will learn about designing

appropriate daily routines and implementing teaching strategies for integrating different areas of learning, such as literacy, math, science, and art through inquiry and project-based learning. The course will also include observations in local Early Childhood settings.

Creating Environments to Support Learning in Early Childhood Settings
This course introduces students to the significant role that designing stimulating and nurturing early childhood classroom environments plays in children's learning and in supporting all aspects of their development and growth. Students will learn about creating dynamic indoor and outdoor learning spaces for young children and the importance of providing children with original and natural educational materials and resources. The course will include visits to local state-of-the-art Early Childhood environments for young children.

Forestry
Package A - Urban Forestry (FOR A JUNE)
An Introduction to Urban Forestry
This course will provide a general introduction to the concept of Urban Forestry and why this is an important topic in today's rapidly urbanizing society. There is a growing need to adapt to multiple impacts of climate change; and increasing demand from the public for the recreational, psychological and health benefits that green-space networks provide. With increased urban populations, global warming, urban heat islands, flooding and pollution, cities may become unlivable or demand massive energy-use for cooling, unless we can establish large scale, healthy urban forest systems. This interactive course will be supplemented by a number of field trips around the Greater Vancouver area, visiting a number of local parks and hearning from experienced practitioners in the field.

Urban Forestry and Well-being
Urban forestry is about planning and managing urban green-spaces and ecosystems for human welfare, ecological health, and protection of our cities' support systems. Urban forest networks, parks, wetlands, and other green infrastructures are vital in moderating heat waves and cooling demands, maintaining biodiversity and carbon sinks, controlling forest fires, storm-water flood mitigation, bio-energy production, etc. Urban Forests improve and protect our health, property values, local jobs and businesses, outdoor recreation opportunities, and community character. This course will give the students an introduction to the importance of understanding urban forestry in the face of today's rapid urbanization as forests and green systems compete for space among buildings, roads/transit, storage facilities, and energy infrastructure. Students will be able to experience the concepts learned in class through fieldtrips and class activities. Past participants have been taken on fieldtrips to various locations around the Greater Vancouver area including Surrey, North Vancouver and Stanley Park.

Land and Food Systems
Package A - Nutrition and Healthy Eating (LFS A JUNE)
Essentials of Nutrition
In this introduction to nutrition, students will learn about nutrients: what they are, why they are important to health, recommended intakes, and common Canadian food sources. Controversial topics

in nutrition will be explored. Upon completion of the course, students will be able to sort out fact from fiction by applying their knowledge of nutrition to everyday scenarios and to their personal diets.

Healthy Cooking and Eating in Canada's Multicultural Context
This course will focus on applying the nutrition concepts learned from Essentials of Nutrition. You will be enriched with hands-on cooking experience, tasting and discussions about food choices. You will learn fundamental cooking skills and how to modify recipes for better health. Students will work in small groups to prepare a wide variety of foods from the many cultures making up Canada's cultural mosaic. The instructor, a Registered Dietitian and Chef, will guide students in their cooking, help them explore the nuances of tasty foods they have prepared and lead discussions on how to ensure food is both delicious and healthy. Upon completion of the course, students should be able to demonstrate an understanding of fundamental knowledge and skills of food safety, the practical outcomes of recipe modification, an understanding of the role and interactions of ingredients in food preparation, and a variety of preparation techniques and their nutritional attributes.

Medicine
Package A - Clinical Research and Clinical Medicine (MED A JUNE)
Introduction to Clinical Research in the Sciences (Pediatrics)
This course provides a window into how clinical research is conducted in the medical sciences. Research methodologies, research process, ethical considerations and practical tips for conducting high-yield, evidence-driven research with patients will all be presented and discussed. The course includes lectures, workshops and a hands-on mentored individual research project by students that will be presented at the end of the course. A wide variety of health care providers and medical educators will participate in the course and provide examples of research conducted at UBC and other academic institutions. Engaging speakers, visits to clinical research facilities and effective mentorship techniques will provide students with a once-in-a-lifetime opportunity to take part in the most advanced learning in basic clinical research.

Introduction to Clinical Medicine at the Bedside (Pediatrics)
This course will bring medical and science students close to the real life of medicine in the 21st century. Students will be able to meet up close with practicing clinicians who manage complex patients every day as part of their work in the hospital and clinic setting. Using advanced teaching tools such as medical simulation, and together with experienced physicians from multiple disciplines of medicine, students will learn how to approach patients with medical history taking, physical examination, development of a medical differential diagnosis, and will gain knowledge in determining the need for investigations in order to reach a diagnosis and develop a treatment plan. A combination of lectures, simulation labs, case-based workshops and visits to laboratory and clinical areas, will enhance the hands-on experience and understanding of the medical and other sciences.

All participants must be at least 19 years of age.

THE UNIVERSITY OF BRITISH COLUMBIA

Package B - Health Care and Living with Long-Term Conditions in the Community (MED B JUNE)

Health Care and Living with Long-Term Conditions (Occupational Science & Occupational Therapy)
The World Health Organization has identified a critical need for comprehensive health and social programs to address the "global burden" of chronic illness & disability. This course explores long-term conditions and their effect on participation in everyday life. This case-based curriculum includes topics related to infants in intensive care, children with a variety of diagnosis, teens & adults coping with mental illness, and populations with mobility impairments. Experiential sessions include field trips, elements of universal design, working with a variety of devices and adaptations, and trialing ambulation aides.

Strategies for Cognitive, Psychosocial and Rehabilitation Management of Long-Term Conditions (Occupational Science & Occupational Therapy)
This course provides an introduction to rehabilitation assessments and interventions for managing long-term chronic conditions in everyday life and includes using evidence in practice, assessing & managing pain, training in use of manual and power wheelchair, virtual reality in rehabilitation, living with invisible disability, and hi-tech and lo-tech strategies for visual impairment, & support healthy living. Sessions use case examples, social media, workshop format and field trips to tap creativity and apply the principles.

All participants must be at least 19 years of age.

10

THE UNIVERSITY OF BRITISH COLUMBIA

THE UNIVERSITY OF BRITISH COLUMBIA
Vancouver Summer Program
June 8 - July 8, 2019

Next Steps Guide

A step by step resource to help administrators and their students join the Vancouver Summer Program.

November 13, 2018

Contents

Overview

Students from universities around the world are welcomed each summer to Vancouver, BC, Canada to study two courses over four weeks in an international setting on the beautiful campus of the University of British Columbia.

Each course represents 39 contact hours. All students will receive a grades letter with a percentage grade. Attached to the grades letter will be the corresponding letter grade scale. Student evaluation may include assignments, group projects, presentations, papers, exams, and participation marks.

The UBC Vancouver Summer Program (VSP) is an inclusive, academic, residential program suitable for undergraduate students from cooperating universities.

Contacts

Please contact VSP according your region. Students should use their registered email address and include their full name, session dates, and VSP Student Number for all inquiries and correspondence.

Asia:	**South Asia and the Middle East:**	**All other regions:**
Ms. Winty Cheung	**Mr. Stephen Kumar**	**Ms. Marg Toronchuk**
Executive Director	Executive Associate	Vancouver Summer Program
UBC Asia Pacific Regional Office	UBC India Liaison Office	Program Coordinator
Hong Kong	New Delhi	University of British Columbia
winty.cheung@apro.ubc.ca	stephen.kumar@ubc.ca	Vancouver
852.2111.4401	91.11.4606.1905	marg.toronchuk@ubc.ca
		1.604.822.0158

UBC THE UNIVERSITY OF BRITISH COLUMBIA

Vancouver Summer Program
JUNE 8 - JULY 8, 2019

2019 VSP Deadlines

THURSDAY, FEBRUARY 28

Registration

WEDNESDAY, MARCH 20

Submit Visa Application*

Suggested date of submission to avoid delays in obtaining your travel permit.

WEDNESDAY, APRIL 3

Program Fee Payment

WEDNESDAY, MAY 1

Flight, Accommodation and Roommate (FAR) Form

WEDNESDAY, MAY 8

VSP Program Waiver Forms

vancouversummerprogram.ubc.ca

A CHECKLIST
FOR THE
2019 VANCOUVER
SUMMER PROGRAM
JUNE 8 - JULY 8, 2019

Questions?
Reach out to your regional VSP contact or see
vancouversummerprogram.ubc.ca for more details

1. APPLY TO THE VSP

Most students apply through their university's international office. Connect with your regional VSP contact for instructions on how to apply.

- ☐ Check that all information is correct on your form
- ☐ Submit an *Individual Applicant Form* if your university is not sending a group

DEADLINE: FEBRUARY 28, 2019

2. LETTER OF ACCEPTANCE

Students accepted into the VSP receive a digital Letter of Acceptance (LoA) and Payment Advice by email.

- ☐ Carefully review all personal information in the LoA and Invoice
- ☐ Inform us if any information is incorrect immediately

3. APPLY FOR TRAVEL PERMITS

Most students require an **Electronic Travel Authorization (eTA)** or **Temporary Resident Visa (Visitor Visa)** to enter Canada.

Visit www.cic.gc.ca for details on how to apply to come to Canada.

- ☐ Apply for your travel permit **as soon as you get your LoA**
- ☐ Processing times can be 4 weeks or more

4. MAKE PAYMENT

- ☐ Individuals make payment through Western Union.

Click here to pay

Click on the link and follow the step-by-step instructions on the website to make payment.

- ☐ You can also make payment as a group through wire transfer. Contact your regional VSP contact for a group invoice and detailed wire instructions.
- ☐ Send a copy of payment receipts to vsp.ubc@ubc.ca

Payments take at least 15 business days to be processed.

DEADLINE: APRIL 3, 2019

5. FLIGHT, ACCOMMODATION AND ROOMMATE (FAR) FORM

FAR Forms are sent after payment is confirmed

- ☐ Submit your FAR form with all information on flights and rooming preferences filled in.

Students must have a valid Visitor Visa or eTA in order to submit the form.

DEADLINE: MAY 1, 2019

Students unable to submit the FAR form by May 22, 2019 will be advised to withdraw from the program.

6. WAIVERS

- ☐ Submit your VSP Waiver Form Package.

Students below 19 years of age (Minors) are required to have a parent or guardian complete the Waiver with them.

DEADLINE: MAY 8, 2019

7. MANUALS AND GUIDES

- ☐ Consult these guides in preparation for an exciting summer at UBC:
  - Participant Manual
  - Campus Life Guide
  - Housing Welcome Guide

Step 1: Apply to the VSP

The Vancouver Summer Program is designed for students from cooperating universities who have good academic standing, proficiency in English, and personal maturity to take on an international experience.

Students participating in the VSP do not receive an official UBC transcript. VSP students receive a grades letter and certificate. The home university may wish to grant credit at their discretion. To receive home university credits, students must ensure that they make the appropriate arrangements with their home university prior to the program start.

> *Note: All personal information on your registration form should match what is on your passport. Ensure that your email address is accurate as further information will be required from students and will be requested directly by email. Changes to your email address are not permitted.*

Program Package Changes

Students should consider their choice of program package carefully when applying to the program. Should students wish to move to another program package, only **one** change will be allowed. Further changes will not be permitted. All changes are subject to the approval of the faculty. After arrival, changes between faculties are not permitted.

University Chaperones

Universities may wish to send chaperones to accompany their students during the program. Please let our regional VSP offices know how we can assist you. Chaperones who require visas and eTAs are to submit the completed Chaperone Form by **Monday, April 1, 2019**. Invitation letters for Chaperones will be sent in electronic form.

Step 2: Review Letter of Acceptance (LoA) and Payment Advice

Registrations are reviewed as submitted and decisions are communicated by email. Students accepted into a package will receive a printable digital Letter of Acceptance (LoA) also known as an **Invitation Letter** attached to their e-mail. Students will also receive an invoice by email.

The LoA is required as a supporting document for those participants needing a Visitor Visa. It is each student's responsibility to email vsp.ubc@ubc.ca if the LoA needs corrections.

VSP Student Number

Each participant in the VSP is assigned a VSP Student Number. Locate your VSP Student Number in your LoA and refer to your VSP Student Number in all program correspondence.

Step 3: Apply for Visitor Visas / eTAs

Students requiring visas and eTAs should begin the application process immediately after reviewing their LoA. **Students cannot commence "Step 5: Flight, Accommodation, and Roommate Form" until they have received their Visa/eTA.**

Entry requirements to Canada are determined by your home country. It generally takes four weeks or more to process your Visitor Visa.

Use this link to check if you need a Visitor Visa or an Electronic Travel Authorization (eTA).

If you need to apply for a Visitor Visa (Temporary Resident Visa)

Apply for a Visitor Visa using the IMM5256 Guide for further instructions. If you need help, contact your nearest visa application centre (VAC).

If you need to apply for an Electronic Travel Authorization (eTA)

Apply online for your eTA. To apply, you must have a valid passport, a credit or a debit card, an email address, and answer a few questions in the online application.

Step 4: Program Fee Payment

The VSP package program fee of $5,250 CAD includes tuition, accommodation, course materials, and medical insurance. The program also includes a city tour as well as welcome and farewell luncheons. Some socio-cultural activities are included in the program fee while others are subsidized or at full cost to the student. Activities differ according to the program packages and are finalized closer to the program dates.

Please note:
•   Airfare is not covered in the program fee
•   Meals are not covered in the program fee unless noted otherwise
•   Optional personal trips and personal expenses are not covered in the program fee

Payment Deadline
Wednesday, April 3, 2019

Individual Payment: Western Union

This method is only for individual payments. Group payments must be sent as wire transfers. Click on the link below and follow the step-by-step instructions on the website to make payment.

<div align="center">

Click here to pay

</div>

Important: Western Union remittance is done in YOUR LOCAL CURRENCY. Canadian currency cannot be remitted for this method of payment.

If you encounter any issue during the payment process, please contact the Geoswift support line at 4001-889-113 or tuition@geoswift.com from Monday to Friday 9:00 - 17:30 Central Standard Time (CST) in Canada.

Group Payment: Wire Transfer

Please let your regional VSP contact know if you intend to make a group payment. The names and IDs of the students for the group wire will be required to generate a group invoice with detailed instructions on how to wire.

E-Receipts

Each student will receive an e-receipt as proof of payment regardless of payment method - Western Union or group wire transfer. Please allow at least 15 business days from the date of Western Union transfer or bank wire for receipts to be issued.

Refund Policy

An administrative fee will be charged to all refunds. Other administrative charges may be incurred. All refunds will be returned to the accounts where payment originated.

Students denied visas will be refunded less the administrative fee of CAD$100 ONLY if a Flight, Accommodation & Roommate (FAR Form) has not been submitted.

Students withdrawing after the submission of a FAR Form will be refunded less CAD$500.

There will be no refunds for students withdrawing after the start of the program.

Refund Processing Times

Refunds will commence only after classes are finished at the close of the program. A copy of the original payment remittance will be required. Students will also need to verify banking details by email. Note, the process takes at least 2 months for the refund to reach the accounts where the wire originated.

Step 5: Flight, Accommodation & Roommate Form

Following confirmation of the program fee payment, participants will be invited to complete the *Flight, Accommodation & Roommate (FAR) Form.* Universities sending a group may wish to submit the FAR Form separately on their behalf.

The FAR Form should not be completed unless a valid visitor visa/eTA is in hand.

Any preferences in the FAR Form will be noted but final accommodation and roommate allocations will be at the discretion of the program.

> FAR Form Submission Deadline
> Wednesday, May 1, 2019

Students experiencing troubles with their visa application and who are unable to meet the deadline should submit their FAR forms as soon as they receive their visa. **Students will be advised to withdraw from the program if they do not submit their FAR Form by May 22, 2019.** The program is not responsible for any penalties for flight changes and cancellations.

Flight Information

Submit the FAR Form once you obtain a valid Visitor Visa/eTA and book your flight ticket. Arrival and departure flight information is for flights arriving at and departing from Vancouver International Airport (YVR).

Group Airport Transfers

Shuttle buses to and from the airport will be available for participants arriving on Saturday, July 13, 2019 and departing on Tuesday, August 13, 2019. Students arriving or leaving outside of the program shuttle times must make their own arrangements for airport transfers. The detailed shuttle schedule will be released closer to the program start date.

Accommodation

All students are assigned to single-gender units. Students may indicate one person of the same gender as their preferred roommate.

Please note that we may not be able to fulfill all requests. We reserve the right to assign some students to the next available unit at our discretion. It is not possible to change the room assignment after arrival.
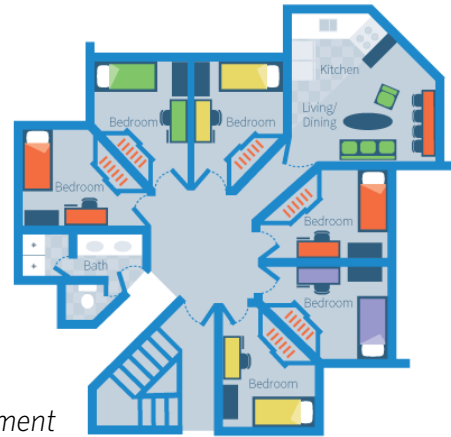
You must submit your FAR Form individually if your preferred roommate does not receive his/her Visitor Visa by the FAR Form Deadline (Wednesday, May 1, 2019).

The VSP Residences

The residences are secure and have a 24-hour reception desk. From all residences, students will be within walking distance of classes, libraries, sport facilities and transportation. In all the residences, students have access to on site laundry machines (card, not coin, system).

Students will be housed in six bedroom apartments. Most students will be assigned a single, non-smoking, private bedroom which can be locked by a card key or hard key. Cooking facilities are available in the shared apartments.

*Sample layout of a
six bedroom shared apartment*

Early Arrivals / Late Departures

Participants arriving earlier or staying later than the program dates are expected to make their own accommodations arrangements for additional dates before and after the program.

Health and Medical Insurance Extension Requirements

Students arriving earlier or staying later than the program dates are responsible for and must purchase additional medical coverage for the days beyond the program dates.

Students can arrange extra coverage days with David Cummings Insurance directly by e-mail at info@ david-cummings.com. The cost for students is $2.20* CAD per person per day. You can make payment by credit card or in person at their offices in Vancouver (not on campus) after arrival.

Insurance rates are current as of writing and are subject to change

Step 6: VSP Program Waiver Forms

Participants with completed Flight, Accommodation, and Roommate (FAR) Forms and valid Visitor Visa or eTA status to enter Canada, will begin receiving program e-mails including the VSP Program Waiver Form Package.

The VSP Program Waiver Form Package includes:
- Expectations of Conduct
- Residence Code of Conduct
- Emergency Contact Information Form
- Designated Safety Contact at UBC Form
- Program Waiver
- Photo and Video Waiver and Model Release Form

Students 18 years of age (Minors)

Students who are 18 years of age (Minors) at the start of the program must obtain parental or guardian signatures for all waivers. Minors are required to have a designated Safety Contact. The Safety Contact must be a participating VSP student that is above 19 years of age or chaperone from thier university. The completed forms must be sent directly to winty.cheung@apro.ubc.ca by **Wednesday, May 8, 2019**.

Step 7: Manuals and Guides

A P*articipant Manual*, *Campus Life Guide*, and *Housing Welcome Guide* will be made available to students electronically prior to the program start date. These will include information on UBC and Vancouver and details such as arrival, health, safety, and money. Familiarise yourself with these guides in preparation for spending the summer at UBC!