

UBC Vancouver Summer Program

July 15 - August 15, 2017

<http://vancouversummerprogram.ubc.ca>

The Vancouver Summer Program (VSP) is a four-week academic program in Canada offered by various faculties at the University of British Columbia for cohorts of students from cooperating universities. The program includes two courses, accommodation and socio-cultural activities.

Choose from one of the following packages:

Applied Science - Chemical Engineering

Chemical Engineering Package

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

Applied Science - Civil Engineering

Civil Engineering Materials Package

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

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 Peoples
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

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

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

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

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

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

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

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

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