

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

Civil Engineering Materials
Project Based Learning in Civil Engineering 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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