



# UBC Vancouver Summer Program July 13 - August 13, 2019

[vancouversummerprogram.ubc.ca](http://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 many 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 - Chemical and Biological Engineering

**Package A - Introduction to Chemical and Biological Engineering (CHBE A JULY)**  
*Harnessing Chemistry: An Introduction to Matter, Energy, and Chemical Engineering*  
*Harnessing Nature: An Introduction to Biological Engineering*

**Package B - The Engineering of Beverages (CHBE B JULY)**  
*The Science and Engineering of Coffee Production*  
*The Science and Engineering of Beer and Wine Production*

**Package C - Computer Aided Design (CHBE C JULY)**  
*Introduction to Numerical Methods and Computer-Assisted Problem-Solving*  
*Introduction to Process Simulation and Design Tools*

## Applied Science - Civil Engineering

**Package A - Computer Software Applications in Civil Engineering (CIVL A JULY)**  
*Computer Application in Civil Engineering*  
*Laboratory Projects in Computer Modeling and Analytics*

**Package B - Structural Materials in Civil Engineering (CIVL B JULY)**  
*Civil Engineering Materials*  
*Laboratory Testing of Structural Materials*

**Package C - Advanced Topics in Concrete Technology (CIVL C JULY)**  
*Concrete Technology*  
*Experimental Studies of Structural Concrete Elements*

## Applied Science - Electrical and Computer Engineering

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

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

**Package C - Communication and Digital Systems (ELEC C JULY)**  
*Communication Systems: Technology Embedded in Daily Life*  
*Introduction to Digital Systems Design with FPGAs*

**Package D - Engineering the Sound of Music (ELEC D JULY)**  
*Music: An Introduction to Electrical & Computer Engineering*  
*Music Laboratory: Hands on Learning*

**Package E - Principles of the Modern Internet (ELEC E JULY)**  
*Algorithms and the World Wide Web*  
*Building Modern Web Applications*

## Applied Science - Mechanical Engineering

**Package A - Green Buildings and Engineering Design (MECH A JULY)**  
*Green Building Design*  
*Introduction to Engineering Design & Decision-making*

**Package B - Robotics and Challenges from Computational Intelligence (MECH B JULY)**  
*Introduction to Robotics*  
*Robotics: Challenges from Computational Intelligence*

## Architecture and Landscape Architecture

**Package A - Wood + Architecture (ARCH A JULY)**  
*Wood - Building by Nature (Forestry)*  
*Designing with Wood (Architecture)*

**Package B - Urban Landscape Architecture (ARCH B JULY)**  
*Green System Planning*  
*Design in the Public Realm*

**Package C - Urban Design (ARCH C JULY)**  
*Perspectives on City Making*  
*Sustainability by Design*

## Arts

**Package A - Global Migration, Local Communities: Asian Canadian Histories (ARTS A JULY)**  
*Is Asia in Vancouver: Academic Perspectives*  
*Is Asia in Vancouver: Community-Based Research*

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

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

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

**Package E - Environmental Economics and Geographies of the Global Economy (ARTS E JULY)**  
*Geographies of the Global Economy*  
*Environmental Economics*

**Package F - Melodrama in Action: Singing Opera and Learning Language (ARTS F JULY)**  
*Italian for Beginners*  
*Fundamentals of Opera Singing*

**Package G - Computational Linguistics: From Search Engines to Social Media (ARTS G JULY)**  
*Linguistics for Natural Language Processing*  
*Computation for Natural Language Processing*

**Package H - From Stage To Screen: How Vancouver 'plays' to a Global Audience (ARTS H JULY)**  
*From Drama to Theatre: How Does a Play Mean?*  
*Documentary & the City*

**Package I - Understanding Inequality: The Challenges of Diverse Societies (ARTS I JULY)**  
*Inequality and Diversity in Modern Societies*  
*Practice with Marginalized Diverse Populations*

## Business

**Package A - International Business Management and International Marketing (BUS A JULY)**  
*International Business Management*  
*International Marketing*

**Package B - Introduction to Marketing & Management and Organizational Behaviour (BUS B JULY)**  
*Introduction to Marketing*  
*Management and Organizational Behaviour*

**Package C - Strategic Management & New Enterprise Development (BUS C JULY)**  
*Strategic Management*  
*New Enterprise Development*

**Package D - Operations and Supply Chain Strategy & Business Analytics (BUS D JULY)**  
*Operations and Supply Chain Strategy*  
*Business Analytics*

## Community and Regional Planning

**Package A - Big Data and New Technologies in Cities (PLAN A JULY)**  
*Urban Big Data Analysis*  
*Spatial Analysis Using Geographic Information Systems*

**Package B - The Evolution of Cities: Past, Present, and Future (PLAN B JULY)**  
*City-X: Urban Transformation in a Globalized World*  
*Past, Present, and Future: Building from Vancouver's Multicultural Planning History*



