



## Certificate in Innovation and Entrepreneurship, supported by the Charles Chang Institute for Entrepreneurship

### Requirements for Fall 2016 - Summer 2017

The Beedie School of Business is pleased to provide SFU undergraduate students the opportunity to engage in interdisciplinary coursework through the Certificate in Innovation and Entrepreneurship (IE), supported by the Charles Chang Institute for Entrepreneurship. Innovation and Entrepreneurship (I&E) training develops renewable competencies such as creativity and adaptability, team work and collaboration skills, communication and implementation. These skills prepare students for a rapidly changing employment landscape and have been found to lead to greater ambition and productivity and which are increasingly sought after by employers.

Because of its emphasis on collaboration amongst interdisciplinary teams, the IE certificate is earned through the successful completion of a minimum of eight courses across multiple Faculties such as Business, Applied Sciences, Communication, Art and Technology, Environment and Science and Health Sciences. This certificate may be declared through the Declaration of Certificate Webform: [beedie.sfu.ca/bba/office/certificate.php](http://beedie.sfu.ca/bba/office/certificate.php)

Requirement Met 

#### Certificate Course Requirements

*Students must maintain a minimum GPA of 2.00 calculated on all courses that are completed at Simon Fraser University and applied to the certificate.*

Students must complete a minimum of 21 units as follows:

Complete all of:

- |                          |           |                                                 |
|--------------------------|-----------|-------------------------------------------------|
| <input type="checkbox"/> | BUS 238-3 | Introduction to Entrepreneurship and Innovation |
| <input type="checkbox"/> | BUS 314-3 | Resourcing New Ventures                         |
| <input type="checkbox"/> | BUS 338-3 | Foundations of Innovation                       |
| <input type="checkbox"/> | BUS 361-3 | Project Management                              |

Complete one of\*:

- |                          |             |                                      |
|--------------------------|-------------|--------------------------------------|
| <input type="checkbox"/> | BUS 477-4   | The Startup Experience               |
| <input type="checkbox"/> | ENV 495-4** | Environmental Capstone               |
| <input type="checkbox"/> | MSE 410-3   | Capstone Design Technical Project    |
| <input type="checkbox"/> | MSE 411W-3  | Capstone Design Technical Project II |

*\*Substitutions with appropriate course content may be possible with permission from the Beedie School of Business.*

*\*\*ENV 495 will count toward this certificate when offered as part of Change Lab. Students are to consult with a Faculty of Environment advisor before enrolling in this course.*

#### NOTES:

\*In accordance with the SFU Academic Calendar, units applied to one certificate may be applied also to major or minor programs of a bachelor's degree under the normal regulations governing those programs but may not be applied to another Simon Fraser University certificate or diploma. Additionally, students pursuing a Bachelor of Business Administration may either declare this certificate or a concentration in Entrepreneurship and Innovation, but not both.

**Additional Course Requirements for Students Pursuing a BBA:**

*Students must maintain a minimum GPA of 2.00 calculated on all courses that are completed at Simon Fraser University and applied to the certificate.*

Students must complete three of\*:

- BISC 372-3\*\*\* The Science of Brewing
- CMPT 120-3 Introduction to Computer Science and Programming
- CMPT 320-3 Social Implications - Computerized Society
- HSCI 130-4 Foundations of Health Science
- HSCI 305-3 The Canadian Health System
- HSCI 312-3 Health Promotion: Individuals and Communities
- IAT 333-3 Interaction Design Methods
- IAT 431-3 Speculative Design
- MSE 110-3/111-3 Mechatronics Design I / Mechatronics for Non-Engineers

**Additional Course Requirements for Students Pursuing a degree other than a BBA:**

*Students must maintain a minimum GPA of 2.00 calculated on all courses that are completed at Simon Fraser University and applied to the certificate.*

Students must complete two of\*:

- BISC 372-3\*\*\* The Science of Brewing
- BUS 443-3 New Product Development
- BUS 453-3 Sustainable Innovation
- CMPT 120-3 Introduction to Computer Science and Programming
- CMPT 320-3 Social Implications - Computerized Society
- HSCI 130-4 Foundations of Health Science
- HSCI 305-3 The Canadian Health System
- HSCI 312-3 Health Promotion: Individuals and Communities
- IAT 333-3 Interaction Design Methods
- IAT 431-3 Speculative Design
- MSE 110-3/111-3 Mechatronics Design I / Mechatronics for Non-Engineers

\*Substitutions with appropriate course content may be possible with permission from the Beedie School of Business

\*\*\*BISC 372 - Selected Topics in Biology will only count toward this certificate when offered as The Science of Brewing. Alternatively, students with credit for BISC 373 - The Science of Brewing, may also use this course toward this requirement.

Responsibility: The ultimate responsibility for completeness and correctness of course selection, for compliance with and completion of program and degree requirements and for the observance of regulations and deadlines rests with the student. Faculty advisors and staff are available to give advice and guidance, but it is the responsibility of the student to be familiar with the information in the University calendar.