



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

Requirements for Fall 2017 - Summer 2018

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 (CIE), 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 I&E 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

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 |
| <input type="checkbox"/> | HSCI 495-4 | Applied Health Science Project |
| <input type="checkbox"/> | IAT 499-6 | Graduation Project |

**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 complete only one of the Certificate in Business Analytics and Decision Making or the Certificate in Business Technology Management, the Certificate in Innovation and Entrepreneurship or the Certificate in Business Technology Management.

Additional Course Requirements for Students#:

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*:

- | | | |
|--------------------------|---------------|--|
| <input type="checkbox"/> | BISC 372-3*** | The Science of Brewing |
| <input type="checkbox"/> | BUS 443-3 | New Product Development and Design |
| <input type="checkbox"/> | BUS 450-3 | Managing Emerging Opportunities |
| <input type="checkbox"/> | BUS 453-3 | Sustainable Innovation |
| <input type="checkbox"/> | BUS 49X-3**** | Selected Topics in Business Administration (I&E Topic) |
| <input type="checkbox"/> | CMPT 120-3 | Introduction to Computing Science and Programming I |
| <input type="checkbox"/> | CMPT 320-3 | Social Implications - Computerized Society |
| <input type="checkbox"/> | HSCI 130-4 | Foundations of Health Science |
| <input type="checkbox"/> | HSCI 305-3 | The Canadian Health System |
| <input type="checkbox"/> | HSCI 312-3 | Health Promotion: Individuals and Communities |
| <input type="checkbox"/> | IAT 333-3 | Interaction Design Methods |
| <input type="checkbox"/> | IAT 431-3 | Speculative Design |
| <input type="checkbox"/> | MSE 110-3 | Mechatronics Design I / MSE 111-3 Mechatronics for non-Engineers |
| <input type="checkbox"/> | POL 150-3 | Science, Policy, and Innovation |
| <input type="checkbox"/> | POL 457W-4 | Technology and Innovation Policy |

#Students completing a Bachelor of Business Administration may not use BUS 443, BUS 450, BUS 453, or BUS 49X to meet the requirements of this section.

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***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.

****When offered as a selected topics course in Innovation and Entrepreneurship