



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

Requirements for Fall 2018 - Summer 2019

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: <https://beedie.sfu.ca/undergraduate/office/certificate>

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:

- BUS 238-3 Introduction to Entrepreneurship and Innovation
- BUS 314-3 Resourcing New Ventures
- BUS 338-3 Foundations of Innovation
- BUS 361-3 Project Management

Complete one of:

- BUS 477-4 Startup Experience
- CA 489-5 Interdisciplinary Project in FPA
- ENV 495-4** Environmental Capstone
- HSCI 495-4 Applied Health Science Project
- IAT 430-3 Business of Design III: Refinement & Production and BUS 476-4 Business of Design IV- Promotion, Packaging & Launch - Launching a Design-Led Business
- IAT 499-6 Graduation Project
- MSE 410-3 Capstone Design Technical Project I and 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 only 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 Certificates in Business Analytics and Decision Making or the Certificate in Business Technology Management or the Certificate in Innovation and Entrepreneurship.

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"/> | BUS 339-4 | Business of Design II - Iteration and prototyping |
| <input type="checkbox"/> | BISC 373-2 | Brewing Science or BISC 374-3 Brewing Science with Lab |
| <input type="checkbox"/> | BUS 406-3 | Startup Accelerator |
| <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"/> | CA 381-3 | Thriving as a Cultural Entrepreneur |
| <input type="checkbox"/> | CMNS 425-4 | Applied Communication for Social Issues |
| <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 330-3 | Business of Design: Introduction |
| <input type="checkbox"/> | IAT 333-3 | Interaction Design Methods |
| <input type="checkbox"/> | IAT 431-3 | Speculative Design |
| <input type="checkbox"/> | IAT 481-3 | Special Topics in Interactive Arts and Technology (Science) |
| <input type="checkbox"/> | MSE 110-3 | Mechatronics Design I or 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 |
| <input type="checkbox"/> | PUB 101-3 | The Publication of Self in Everyday Life |
| <input type="checkbox"/> | PUB 201-3 | The Publication of the Professional Self |
| <input type="checkbox"/> | PUB 212-3 | Public Relations and Public Engagement |
| <input type="checkbox"/> | PUB 456-4 | Institutional and International Event Planning and Management |

#Students completing a Bachelor of Business Administration may not use BUS 339, BUS 406, BUS 443, BUS 450, BUS 453, or BUS 49X to meet the requirements of this section.

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