

ENTREPRENEURSHIP AND INNOVATION INTERDISCIPLINARY CERTIFICATE

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This is a 12-credit certificate program designed for non-business majors at QU and non-QU students or external parties. The three required courses provide students with the fundamental language, knowledge, leadership and communication skills related to entrepreneurship and innovation. The option course provides students with discipline or industry-specific depth in areas relevant to entrepreneurship and innovation. They are offered through departments across the university.

Goals

To promote the growth of the entrepreneurial ecosystem at QU and to support the interdisciplinary initiatives that exist at the university. This certificate enables *non-business* students at QU to add an Entrepreneurship & Innovation certificate to their core program or a non-QU student or external party to take 3-4 courses in E&I.

Learning Objectives

- Learn the entrepreneurial process and mindset.
- Learn the process in evaluating whether their idea is desired by customers.
- Learn how to evaluate customer interest in their product or service.
- Learn the steps in how to take an idea to business creation.
- Learn how corporate innovation works and how to develop ideas within an organization or apply to oneself.

Business students who are interested in entrepreneurship & innovation should add a minor. Non-business students who want more depth of entrepreneurship & innovation can also add a minor.

The Entrepreneurship & Innovation certificate for *non-business* students includes three (3) required courses and a choice of one of three elective courses or the substitution of a course in the student's major area or other discipline of interest.

The certificate courses draw from a large set of interdisciplinary fields in the social sciences and scientific methods such as psychology, sociology, economics, creativity theory, experimental research, etc. In addition, the elective list from the other schools includes courses that address the culture or environment of decisions, types of problems, or other innovative or entrepreneurial topics. (See Curriculum (p. 1) for illustrative list, subject to changes and additions.) The fourth course will be approved by the certificate adviser or Chair of the Entrepreneurship, International Business and Strategy Department.

Entrepreneurship & Innovation Certificate Curriculum

Code	Title	Credits
Required Courses		
ENT 210	Introduction to Entrepreneurial Thinking and Practice	3
ENT 250	Idea Validation and Business Model Development	3
ENT 310	Creativity and Innovation Management	3

Electives - Choose one from the following list: 3

ENT 340	Opportunity Recognition and Negotiation
ENT 350	Social Entrepreneurship
ENT 420	Business Launch
Or the substitution of a course in the student's major or another discipline of interest.	
Below is a representational sampling of the types of courses from different areas that could count as the fourth course in the certificate.	
AN 230	Sustainable Development
BIO 161	Introduction to the Biological Aspects of Science and Society
BMS 162	Human Health and Disease
CER 210	Infrastructure Engineering
CIS 255	Data Visualization
CIS 265	Rapid Application Development
COM 130	Visual Design
COM 140	Storytelling
COM 150	Public Speaking: Principles and Practice
COM 215	Social Media and Society
CSC 106	Introduction to Programming for Engineers
DR 181	Improvisational Acting
IB 324	Negotiating Internationally

Total Credits 12