

GRADUATE CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION

The Graduate Certificate in Entrepreneurship and Innovation is composed of a series of courses in which students learn how to be more innovative and entrepreneurial in their thinking. In this graduate certificate, students will gain knowledge and tools to put their ideas from their own programs of study into action. The entrepreneurial mindset that can enable innovative action, as well as the knowledge and skills that support these, is valuable to graduates who want to create a new venture, work for a technology or other startup, work in a large existing firm as a corporate entrepreneur, or to simply understand how to better create value in novel ways at whatever organization they are employed.

Students interested in graduate work should refer to the Graduate and Professional Bulletin (<https://catalog.colostate.edu/general-catalog/graduate-bulletin/>).

Learning Objectives

Upon successful completion, students will be able to:

1. Demonstrate competencies in innovative thinking and the ability to utilize these competencies in strategic decisions.
2. Illustrate capabilities in leading the creation of value, which is essential for organizational effectiveness.
3. Apply critical thinking and value creation skills in their current environment to support their business decision making.

Requirements Effective Fall 2025

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Choose 4 credits from the following: ¹		4
AREC 513	Idea Evaluation in Agricultural Value Chains ²	
BUS 634	Sustainable Venturing and New Energy Economy	
BUS 646	Building Value Thru Creativity and Innovation	
BUS 664	Entrepreneurship and New Venture Creation	
BUS 665	Integrative Applications for Business Impact	
Choose 5 credits from the following electives:		5
AREC 511	Opportunities in the Agricultural Value Chain	
AREC 514	Entrepreneurial Accounting and Finance	
AREC 516	Business Economics for the Entrepreneur	
AREC 518	Raising Capital in the Agricultural Sector	
AREC 520	Intellectual Property in Food and Agriculture	
AREC 521	New Food Product Development	
AREC 572	Social Benefit Cost Analysis	

BIOM 750	Grant Proposal Writing and Reviewing
BUS 602	Dynamic Decision Making
BUS 620	Leadership and Teams
BUS 623	Building and Leading Exceptional Teams
CIS 600A	Project Management: Information Technology
CIS 600B	Project Management: Impact Enterprise ³
CIVE 574	Civil Engineering Project Management
ENGR 525	Intellectual Property and Invention Systems
FTEC 570	Food Product Development
IDEA 510	Processes of Human-Centered Design Thinking
JTC 660	Communication and Innovation
LEAP 500	Intro to Arts Leadership and Management
MECH 516	Life Cycle and Techno-Economic Assessment
MKT 567	Services Marketing Management
MKT 662	Strategic Selling for Business Customers
SYSE 710	Leadership/Innovation in Systems Engineering

Program Total Credits: 9

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.

¹ Any additional credits taken beyond the 4 required credits may be counted towards the certificate elective credits.

² Only students enrolled in the Agribusiness and Food Innovation Management graduate program can take AREC 513.

³ Only students enrolled in the Impact MBA graduate program can take CIS 600B.