

STRATEGIC INNOVATION: TECHNOLOGY, ORGANIZATIONS, AND SOCIETY, GRADUATE/PROFESSIONAL CERTIFICATE

The graduate/professional certificate in strategic innovation seeks to provide knowledge and skills to students around the development of innovative products, services, and processes within an existing organization. The certificate is available to all UW–Madison graduate-degree-seeking students (excluding University Special students).

A student who has completed this certificate will have good foundational skills in areas ranging from market assessment, research and development, and product design to intellectual property strategy and portfolio management.

Interested students should see the Certificate in Strategic Innovation website (<https://business.wisc.edu/graduate/certificates/strategic-innovation/>) for specific information regarding declaration, change, withdrawal, or completion of the certificate. The Management and Human Resources Department will have the certificate noted on students' official university transcripts by the Office of the Registrar.

ADMISSIONS

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The certificate is open to graduate students that are in good academic standing. A graduate student is in good academic standing if they maintain a cumulative GPA of 3.00 or higher for all graduate courses (excluding research).

The certificate program offers foundational skills and knowledge appropriate for graduate students who anticipate working in dynamic organizations that depend on innovation to compete in the marketplace and/or use innovation to create value for society more broadly.

A student who has completed the certificate will be prepared to execute in-depth new product development plans for an existing organization or identify and evaluate innovation challenges in society.

Before beginning any coursework, students are recommended to consult with their faculty advisor (or, where appropriate, graduate program coordinator).

Note: While the application for declaring your certificate should be completed prior to enrolling in courses for the certificate, it must be completed prior to graduation. Your application automatically serves as a declaration of your intent to pursue the certificate. This declaration becomes part of your academic record.

All Graduate School students must utilize the Graduate Student Portal in MyUW to add, change, or discontinue any certificate. To apply to this certificate please log in to MyUW, click on Graduate Student Portal, and then click on Add/Change Programs. Professional students in the careers of Law, Medicine, Pharmacy, and Veterinary cannot add the certificate in the Graduate Student Portal, and should contact the program for more information.

The certificate coordinator will review your application for admittance, and reach out to you if there are any further questions.

See the program website linked within the contact information for details.

REQUIREMENTS

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REQUIRED COURSES

Code	Title	Credits
Foundation		
Students must complete the following course.		
M H R 715	Strategic Management of Innovation	3
Advanced Innovation Business		
Students must complete at least 3 credits from the following courses.		3-9
M H R 722	Entrepreneurial Management	
M H R 738	Wisconsin Applied Ventures in Entrepreneurship (WAVE)	
M H R 741	Technology Entrepreneurship	
MARKETNG 737	New Product Innovation	
R M I 650	Sustainability, Environmental and Social Risk Management	
Electives		
To satisfy the minimum credit requirement, students must select from the following courses.		0-6
ACCT I S 300	Accounting Principles	
	or ACCT I S 700 Financial Accounting	
M H R 704	Managing Behavior in Organizations	
M H R 705	Human Resource Management	
M H R 723	Business Strategy	
M H R 977	Emerging Entrepreneurship Theory and Research	
MARKETNG 300	Marketing Management	
	or MARKETNG 7Marketing Management	
OTM 758	Managing Technological and Organizational Change	
LAW 751	Patent Law	
LAW 752	Copyright Law	
LAW 753	Introduction to Intellectual Property Law	
LAW 854	Clinical Program (Law & Entrepreneurship)	
COMP SCI/ ED PSYCH/ PSYCH 770	Human-Computer Interaction	

L I S 603	Research and Assessment for Information Professionals
L I S 615	Systems Analysis and Project Management for Information Professionals
L I S 732	Strategic Information Services
STS 901	Science, Technology and Medicine in Society
A A E/M H R 540	Intellectual Property Rights, Innovation and Technology
A A E 706	Applied Risk Analysis
A A E 875	Special Topics (Applied Business Economics)
LSC 435	Brand Strategy for the Sciences
LSC 625	Risk Communication
LSC 902	Public Opinion of Life Science Issues
B M E/I SY E 662	Design and Human Disability and Aging
M E 349	Engineering Design Projects
M E 549	Product Design

Total Credits**12****Electives**

Students may select approved, elective courses from a variety of schools and colleges across the university that deepen students' capacity to:

- analyze new markets,
- manage research and product development processes in existing organizations,
- support organizational creativity,
- articulate innovative business models,
- identify and appropriate the value of intellectual property, and
- assess society-level innovation systems.

LEARNING OUTCOMES**LEARNING OUTCOMES**

1. Students will be able to recognize, evaluate, select and implement business opportunities emerging from technological solutions.
2. Students will be able to manage technological and innovative processes based on the understanding of industry and market trends.
3. Students will be able to make business decisions in an emerging technology industry context.
4. Students will be able to evaluate competitive advantage (or lack thereof) stemming from technology.
5. Students will be able to develop understanding of strategies that firms use to appropriate value from technology.