Innovation Management and Entrepreneurship, M.S.

FOX SCHOOL OF BUSINESS AND MANAGEMENT (http://www.fox.temple.edu)

About the Program

Innovation and entrepreneurship are ubiquitous in today’s modern competitive landscape. Firms that sit still are left behind as new leaders or indeed the entire industry surges ahead. For firms to survive, they must invent groundbreaking new products; think outside the box in order to deliver services with unparalleled value; fundamentally rework their internal activities and processes to create competitive advantage; and reinvent the game by diving into so-called “Blue Oceans” and “White Spaces” with novel business models. As open innovation perspectives come to be fully embraced by organizations, entire business ecosystems are fundamentally shifting and competition becomes value-chain against value-chain, not company against company.

In this rapidly changing landscape, it is critical that employees and managers alike understand how to overcome both the strategic and tactical challenges of organizational innovation. The Master of Science in Innovation Management and Entrepreneurship (IME MS) program teaches how to overcome these challenges to take advantage of new opportunities relevant to a company or industry. It is designed to help students shift their perspectives so they develop a deep understanding of strategy, innovation, creativity, and entrepreneurship, as well as develop relevant management skills necessary to more effectively manage innovation in existing companies and/or to more successfully found new entrepreneurial ventures. Topics covered in the program include:

- Modern Competitive Landscape and Industry Ecosystems
  - Learn to map industry ecosystems and value chains/systems
  - Learn to evaluate the market potential of innovative products
  - Learn best practices in open innovation
- Innovation-Based Strategy
  - Understand the importance of having a strong vision/purpose for a company
  - Learn to balance “doing good” (having a positive social impact) with “doing well” (making a profit)
  - Understand how to make innovation central to a company’s strategy
  - Understand how to build an innovative organization
- Creative Problem-Solving and Design Thinking
  - Learn to develop customer-centric, value-based innovation
  - Learn how to think outside the box to creatively solve problems
- Innovation Management
  - Understand the range of different types of innovation and how each can be a source of competitive advantage
  - Develop skills for managing the process of invention and innovation
- New Business and New Venture Creation
  - Design and evaluate business models and business model innovations
  - Understand how to identify entrepreneurial opportunity and how to start a new venture
  - Synthesize understanding of industries, trends, and innovation in order to create novel, competitively advantageous business ideas
  - Develop skills for writing a market analysis, feasibility analysis, and a business plan

The IME MS is designed for:

- Working professionals (junior to mid-level) in companies that have prioritized innovation or recognized the need for fundamentally different management paradigms to deal with the modern competitive landscape
- Working professionals (junior to mid-level) in R&D, technology, innovation, or change management roles
- Recent graduates from engineering, science and technology, medical, dental, and pharmacy schools (particularly those that wish to work in technology or R&D-focused companies)
- Graduate students and faculty in engineering, science and technology, medical, dental, and pharmacy programs
- Design, architecture, and art students interested in the business-side of creativity (as creatives in the enterprise or as entrepreneurs/freelancers) and/or interested in applying design thinking to innovation in firms
- Law school students interested in IP Law or intent on working in R&D companies
- Entrepreneurs aiming to create high-growth, innovative, or technology-focused companies or social-impact organizations

**Time Limit for Degree Completion:** 3 years
Campus Location: Center City, Main, Online

Full-Time/Part-Time Status: The degree program can be completed on a full- or part-time basis. Scheduling is flexible as most courses are offered online, over weekends, and/or in the evening. Full-time study is typically completed in one year, while part-time study can take two years to complete.

Interdisciplinary Study: This uniquely collaborative program includes business professionals, scientists, engineers, artists, designers, lawyers, and such. Courses are taken by Fox Professional/Global M.B.A., Engineering Management M.S., and Bioinnovation M.S. students.

Ranking: The Fox School of Business and Management is highly ranked. Current ranking information may be viewed at http://www.fox.temple.edu/about-fox/why-fox/rankings/.

Areas of Specialization: Three concentrations, designed for maximum flexibility with 9 to 12 credits of electives so students can emphasize areas of interest, are offered jointly by Fox School of Business and Management and the College of Engineering:

- Entrepreneurship
- Innovation Strategy
- Technology and Innovation Management

Job Prospects: Graduates are prepared for employment in a variety of areas, including:

- Consulting
- New product development
- Open innovation
- Technical sales/marketing
- Technology commercialization

They also have the skills needed for these positions:

- Evangelist/Change Leader
- Founder/Entrepreneur
- Idea Management Specialist
- Innovation Project Manager
- Knowledge Management Professional
- R&D Manager/Team Leader
- Technology Portfolio Manager
- Any position in entrepreneurial startups

Licensure: Coursework prepares students to take the New Product Development Professional (NPDP) certification exam offered by the Product Development Management Association (PDMA). In addition, students have the option to take courses to receive a certification as a Lean Six Sigma Green Belt by the International Association for Six Sigma Certification (IASSC).

Non-Matriculated Student Policy: Students with an undergraduate GPA of 3.0 or higher may be allowed to take classes under non-matriculated status. Non-matriculated students may take a maximum of 9 credits. Any additional courses require the student to be matriculated in a program.

Financing Opportunities: Assistantships are typically reserved for those engaged in doctoral study.

Admission Requirements and Deadlines

Application Deadline:

Fall:

- March 1 – First Round Consideration
- May 1 – Second Round Consideration
- June 30 – Third Round Consideration
- July 15 – Final Round Consideration

Spring:

- December 13 – Application Deadline

Applicants who have not assembled their complete application for the IME MS program in time for an upcoming application deadline are encouraged to apply to one of our certificate programs. Credits taken in our Commercialization of Technological Innovation graduate certificate (http://www.fox.temple.edu/cms_academics/graduate-certificates/certificates/graduate-certificate-in-innovation-technology-commercialization) and Innovation
Innovation Management and Entrepreneurship, M.S.

Strategy graduate certificate (http://www.fox.temple.edu/cms_academics/graduate-certificates/certificates/graduate-certificate-in-innovation-strategy) programs can be transferred to the IME MS.

APPLY ONLINE (http://fox.force.com/SiteLogin) to this Fox graduate program at http://fox.force.com/SiteLogin.

Letters of Reference:
Number Required: 2

From Whom: Letters of recommendation should be obtained from college/university faculty members familiar with academic competence and/or professional references (employers) who know the applicant well and can attest to her/his leadership ability.

Coursework Required for Admission Consideration: A basic understanding of business statistics is required for some coursework in the IME MS program. Students can fulfill this requirement by taking these courses during or prior to their first term of study:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS 5401</td>
<td>Data Analytics for Management</td>
<td>1.5</td>
</tr>
<tr>
<td>STAT 5401</td>
<td>Foundations for Data Analytics</td>
<td>1.5</td>
</tr>
</tbody>
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Alternately, prior undergraduate or graduate statistics courses in which a grade of B- or higher was attained can be used to meet these prerequisites.

Bachelor's Degree in Discipline/Related Discipline: A baccalaureate degree is required.

Statement of Goals: Two essays are required, including a statement of goals and an essay on leadership. An additional statement is optional.

Standardized Test Scores:
GMAT/GRE: Required.

TOEFL: 100 iBT or 600 PBT minimum. Applicants may substitute the IELTS for the TOEFL with a comparable minimum score of 7.5.

Test Waivers: GMAT scores are typically waived for professionals with more than 10 years of work experience, as well as for faculty members or students from STEM undergraduate programs with a 3.0 or higher GPA. Requests for a GMAT waiver must be sent via email.

Resume: Current resume required.

Interview: A personal interview is conducted by invitation only, after an application has been submitted and reviewed.

Program Requirements

General Program Requirements:
Number of Didactic Credits Required Beyond the Baccalaureate: 30

Required Courses:

Entrepreneurship Concentration

Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EMGT 5631</td>
<td>Design Thinking</td>
<td>1.5</td>
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<tr>
<td>EMGT 5633</td>
<td>Management Principles for Innovators, Engineers and Technologists</td>
<td>3</td>
</tr>
<tr>
<td>SGM 5117</td>
<td>New Venture Creation: Entrepreneurial Opportunities, Resources, and Teams</td>
<td>1.5</td>
</tr>
<tr>
<td>SGM 5118</td>
<td>Innovation-Based Strategy: Managing Disruptive Change</td>
<td>1.5</td>
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<tr>
<td>SGM 5119</td>
<td>Social Entrepreneurship: Change the World, Profitably</td>
<td>1.5</td>
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<tr>
<td>SGM 5122</td>
<td>Business Model Innovation: Profitable and High-Impact by Design</td>
<td>1.5</td>
</tr>
<tr>
<td>SGM 5124</td>
<td>Creative Problem Solving: Perspectives &amp; Techniques that Improve Creativity in Organizations &amp; Life</td>
<td>1.5</td>
</tr>
<tr>
<td>SGM 5125</td>
<td>Financing Entrepreneurial and Corporate Ventures</td>
<td>1.5</td>
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<tr>
<td>SGM 5126</td>
<td>Innovation Adoption and Diffusion: Finding First Customers and Driving Widespread Implementation</td>
<td>1.5</td>
</tr>
<tr>
<td>SGM 5182</td>
<td>Independent Study</td>
<td>1.5</td>
</tr>
<tr>
<td>SGM 5187</td>
<td>Future Franklins: Assessing the Feasibility of Innovative Business Ideas</td>
<td>1.5</td>
</tr>
<tr>
<td>SGM 5401</td>
<td>Competitive Strategy</td>
<td>1.5</td>
</tr>
<tr>
<td>SGM 5402</td>
<td>Strategy in a Global Context</td>
<td>1.5</td>
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Electives

Total Credit Hours 30

Innovation Strategy Concentration

Core Courses
EMGT 5631  Design Thinking  1.5
EMGT 5632  Idea to Invoice: Managing the New Product Development Process  3
SGM 5117  New Venture Creation: Entrepreneurial Opportunities, Resources, and Teams  1.5
SGM 5118  Innovation-Based Strategy: Managing Disruptive Change  1.5
SGM 5121  Emerging Market Innovation: Reinventing the Multinational Firm  1.5
SGM 5122  Business Model Innovation: Profitable and High-Impact by Design  1.5
SGM 5124  Creative Problem Solving: Perspectives & Techniques that Improve Creativity in Organizations & Life  1.5
SGM 5126  Innovation Adoption and Diffusion: Finding First Customers and Driving Widespread Implementation  1.5
SGM 5187  Future Franklins: Assessing the Feasibility of Innovative Business Ideas  1.5
SGM 5401  Competitive Strategy  1.5
SGM 5402  Strategy in a Global Context  1.5

Electives  12

Total Credit Hours  30

Technology and Innovation Management Concentration

Core Courses

EMGT 5631  Design Thinking  1.5
EMGT 5632  Idea to Invoice: Managing the New Product Development Process  3
EMGT 5633  Management Principles for Innovators, Engineers and Technologists  3
EMGT 5634  Project Management Overview and Project Management Essentials  1.5
SGM 5117  New Venture Creation: Entrepreneurial Opportunities, Resources, and Teams  1.5
SGM 5118  Innovation-Based Strategy: Managing Disruptive Change  1.5
SGM 5122  Business Model Innovation: Profitable and High-Impact by Design  1.5
SGM 5124  Creative Problem Solving: Perspectives & Techniques that Improve Creativity in Organizations & Life  1.5
SGM 5126  Innovation Adoption and Diffusion: Finding First Customers and Driving Widespread Implementation  1.5
SGM 5187  Future Franklins: Assessing the Feasibility of Innovative Business Ideas  1.5

Electives  12

Total Credit Hours  30

Culminating Events:
This program has no culminating events.

Contacts

Program Web Address:
http://www.fox.temple.edu/specialized-masters/innovation-management-entrepreneurship/

Department Information:
Innovation & Entrepreneurship Institute (IEI)

Submission Address for Application Materials:
http://fox.force.com/SiteLogin

Department Contacts:

Academic Director:
Robert C. McNamee, Ph.D.
IEI Managing Director
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215-204-4119

Course Registration:
Rachel Carr
Associate Director for Specialized Master's Programs
rcarr@temple.edu
215-204-0574
Courses

SGM 5001. Mng New & Small Enterprs. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

SGM 5002. Business Plan Developmnt. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

SGM 5051. Business Strategy in a Global Environment. 3 Credit Hours.
This course is designed to present international strategic management concepts and the field of global industry competitive analysis. This seminar combines multiple attributes and analytical frameworks of strategic management to assess an industry and the relevant competitor strategies.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Degree Restrictions: Must be enrolled in one of the following Degrees: Master of Business Admin.
College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.
Repeatability: This course may not be repeated for additional credits.

SGM 5052. Analytical Foundations of Strategy. 1.5 Credit Hour.
This course is designed to [a] introduce students to core concepts and analytical tools to facilitate strategic decision making in a setting of uncertainty; [b] assess the importance of the external environment (industry, location) in the development of firm strategies and sustainable competitive advantage; [c] examine the responses of competitors, customers and suppliers to a firm’s strategic actions (prices, costs, scope of the market, innovations) and the implications of these responses for firm strategy and performance; [d] clarify the relationship between firm performance and the activities within the value chain, using relative cost analysis and value added analysis; [e] evaluate the domestic and international diversification strategy of firms, including the impact of institutions such as ownership structure on firm performance and cross border valuation. The course will rely heavily on theory, quantitative analysis, and case analysis to develop cutting edge skills for critical analysis in a real world consulting environment.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Degree Restrictions: Must be enrolled in one of the following Degrees: Master of Business Admin.
Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(STAT 5001|Minimum Grade of B-|May be taken concurrently)
AND (ECON 5001|Minimum Grade of B-|May be taken concurrently)
OR BA 5001|Minimum Grade of B-|May be taken concurrently)
AND (FIN 5001|Minimum Grade of B-|May be taken concurrently)
SGM 5101. Foundations of Strategic Management. 3 Credit Hours.
Conceptual and operational models of strategic planning examined in detail. Emphasis is on strategy formulation, implementation, and control of organizations of all types.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently)
AND ECON 5001|Minimum Grade of B-|May not be taken concurrently
AND FIN 5001|Minimum Grade of B-|May not be taken concurrently
AND MIS 5001|Minimum Grade of B-|May not be taken concurrently
AND MKTG 5001|Minimum Grade of B-|May not be taken concurrently
AND MSOM 5001|Minimum Grade of B-|May not be taken concurrently
AND STAT 5001|Minimum Grade of B-|May not be taken concurrently)
SGM 5102. Strategic Decision Support Systems. 3 Credit Hours.
Students are exposed to state-of-the-art, PC based decision techniques and approaches for addressing strategic (or unstructured) issues confronting an organization. Skills are developed in structuring complex, strategic decision problems and in the selection and application of appropriate techniques for reaching realistic decisions. Complex, judgmental problems are considered for a variety of organization types, business and non-business. All students perform a team project in strategic analysis using an advanced expert system. No prior computer knowledge is required.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
AND ECON 5001|Minimum Grade of B-|May not be taken concurrently
AND FIN 5001|Minimum Grade of B-|May not be taken concurrently
AND MIS 5001|Minimum Grade of B-|May not be taken concurrently
AND MKTG 5001|Minimum Grade of B-|May not be taken concurrently
AND MSOM 5001|Minimum Grade of B-|May not be taken concurrently
AND STAT 5001|Minimum Grade of B-|May not be taken concurrently)

SGM 5103. Management of Technology and Innovation. 3 Credit Hours.
The emphasis on concepts and management processes to manage technological developments and innovations in organizations. Topics include technology, strategy, management of research, development and innovation, development of new products and businesses. Case studies will be used to develop students' analytical skills. Students will do a project within an organization and present written and oral reports.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
AND ECON 5001|Minimum Grade of B-|May not be taken concurrently
AND FIN 5001|Minimum Grade of B-|May not be taken concurrently
AND MIS 5001|Minimum Grade of B-|May not be taken concurrently
AND MKTG 5001|Minimum Grade of B-|May not be taken concurrently
AND MSOM 5001|Minimum Grade of B-|May not be taken concurrently
AND STAT 5001|Minimum Grade of B-|May not be taken concurrently)

SGM 5104. Management of Growth, Decline and Turnaround. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
AND ECON 5001|Minimum Grade of B-|May not be taken concurrently
AND FIN 5001|Minimum Grade of B-|May not be taken concurrently
AND MIS 5001|Minimum Grade of B-|May not be taken concurrently
AND MKTG 5001|Minimum Grade of B-|May not be taken concurrently
AND MSOM 5001|Minimum Grade of B-|May not be taken concurrently
AND STAT 5001|Minimum Grade of B-|May not be taken concurrently)
SGM 5105. Industry Competitive Analysis. 3 Credit Hours.
An applied examination of recently developed techniques for assessing industry competitive forces and devising appropriate business strategies. Topics include: analysis of industry trends, recognizing types of industries, developing strategic maps of industry competitors, and learning to utilize industry information sources, among others. Students will be required to conduct an in-depth analysis of at least one industry.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
AND ECON 5001|Minimum Grade of B-|May not be taken concurrently
AND FIN 5001|Minimum Grade of B-|May not be taken concurrently
AND MIS 5001|Minimum Grade of B-|May not be taken concurrently
AND MKTG 5001|Minimum Grade of B-|May not be taken concurrently
AND MSOM 5001|Minimum Grade of B-|May not be taken concurrently
AND STAT 5001|Minimum Grade of B-|May not be taken concurrently)

SGM 5106. E-Commerce Strategy. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5107. Management of Mergers and Acquisitions. 3 Credit Hours.
Examines managerial aspects of growth through mergers and acquisitions. Examines pre-merger analysis, strategies for negotiation and bidding, as well as post-merger integration of target firms. Utilizes several techniques valuable for acquisition analysis, including financial valuation techniques and industry analysis. Case studies develop students' analytical skills.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
AND ECON 5001|Minimum Grade of B-|May not be taken concurrently
AND FIN 5001|Minimum Grade of B-|May not be taken concurrently
AND MIS 5001|Minimum Grade of B-|May not be taken concurrently
AND MKTG 5001|Minimum Grade of B-|May not be taken concurrently
AND MSOM 5001|Minimum Grade of B-|May not be taken concurrently
AND STAT 5001|Minimum Grade of B-|May not be taken concurrently)

SGM 5108. New Venture Creation. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
AND ECON 5001|Minimum Grade of B-|May not be taken concurrently
AND FIN 5001|Minimum Grade of B-|May not be taken concurrently
AND MIS 5001|Minimum Grade of B-|May not be taken concurrently
AND MKTG 5001|Minimum Grade of B-|May not be taken concurrently
AND MSOM 5001|Minimum Grade of B-|May not be taken concurrently
AND STAT 5001|Minimum Grade of B-|May not be taken concurrently)
SGM 5111. Growing Through Mergers & Acquisitions. 1.5 Credit Hour.
Mergers and Acquisitions (M&As) are two key avenues for rapid growth or consolidation, especially when organic growth through R&D, corporate venturing or market development will not suffice. However, research and anecdotal evidence abound that anywhere from 50% to 80% of M&As fail, and end up compromising the competitiveness of even strong firms. This module will answer the following questions: (1) When should M&As be the preferred modes for growth? (2) How should managers identify and evaluate targets realistically? (3) How should the M&A deal be structured and what are the implications for respective shareholders and the combined entity? (4) How can executives anticipate and address the strategic and behavioral challenges of integrating the two parties such that growth objectives are realized? In doing so, this module aims to offer a “soup-to-nuts” overview of the strategic, financial and legal (though, to a lesser extent than a typical finance or law school course), and organizational integration challenges in undertaking M&As.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5112. Competing on Value: Analyzing and Shaping Your Industry. 1.5 Credit Hour.
Value is the essence of strategy. For every position that a firm takes in the industry, the firm creates, adds or destroys value. This course provides the knowledge and perspectives necessary to do an in-depth analysis of various industries and in learning to compete on value and to position their firms within the industry in which they chose to compete. The positioning has implications for resources, core competencies of the firm, its competitive advantage, and performance of the firm. Key questions raised and answered in the module include: How do firms create or add value? How do firms compete on value in slow moving vs. fast moving industries. How does the value frontier evolve and transform the competitive landscapes? Does order of entry matter? When and Why? How are industries created? How to compete on value in Internet-based and networked industries? How to compete on value in science-based industries?

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5113. Strategy Implementation: Designing Organizations for Success. 1.5 Credit Hour.
“Execution is the great unaddressed issue in the business world today. Its absence is the biggest single obstacle to success and the cause of most of the disappointments that are mistakenly attributed to other causes.” That according to a well respected consultant. This module attempts to fill the gap between “saying and doing” that is often seen in organizations. Strategy implementation is operations-oriented. Implementation excellence is both absolutely essential and capable of providing enormous rewards. By learning to bridge the gap between saying and doing and by focusing on the activities that really determine the success or failure of the organization, students appreciate the nature of the work they do. Key questions raised and answered in the module include: How does strategy really work in organizations? How to achieve a good fit between strategy and organization structure? How to align strategy and organization systems? What is the role of organization culture in strategy implementation? How to initiate and complete changes in strategy? What are the roles of CEO, top management teams and board of directors in strategy implementation?

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5114. Managing Strategic Alliances: Competing through Collaborations. 1.5 Credit Hour.
Strategic partnerships are formal arrangements between firms that involve significant levels of shared resources and decision-making. In the current context, these inter-firm collaborations, some of which span international boundaries, have become fundamental to competitive advantage. However, alliances are notoriously difficult to manage with failure rates reaching over 70%. The course covers both analysis and design of strategic partnerships, as well as their management and implementation. Various forms of strategic partnerships covered in this course are outsourcing agreements, minority equity investments, equity alliances, and joint ventures. The course will provide concepts, tools and frameworks necessary to develop an organizational capability to manage strategic partnerships; to assist clients with partner selection, deal making and due diligence; decide when a firm should choose internal development over external partnerships; understand the role of corporate venturing in a firm’s alliance strategy; and learn how partnerships with the citizen sector can help scale new growth initiatives.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.
SGM 5115. Firms in Crisis: Managing Turnaround. 1.5 Credit Hour.
In the life cycle of firms, growth invariably is followed by decline and, possibly, turnarounds. As Jim Collins, the author of "Good to Great" noted, less than 15% of the firms that appeared in the first Fortune 500 list published in 1955 still made the list in 2008. Decline may set in due to "irrational exuberance" during the growth phase, when management challenges and missteps may be masked by superior performance in the short term. Decline also may be caused by external shocks, usually unanticipated changes in the firm's markets and environment. Whatever the causes of decline, it results in liquidity and legitimacy crises and, if not aggressively managed, can lead to failure. Failure, though, does not always mean liquidation. Firms that file for Chapter 11 bankruptcy face the challenge of developing a plan to turn the company around. A number of firms successfully emerge as viable concerns from Chapter 11; others do not. Accordingly, this module will answer the following questions: (1) How can managers recognize the early warning signs and root causes of decline, and take action before crisis sets in? (2) Once decline has begun, how can they take charge and turn around the firm setting it on a course to survival (in the short term) and rejuvenation (in the long-term)?

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5116. Non-Profit Governance: Preparing to Sit on a Board of Directors. 1.5 Credit Hour.
Participation on a nonprofit board is a rite of passage for business leaders. It provides a rich opportunity to study governance, risk management, and leadership development at a strategic level. It also offers rich professional development opportunities and the satisfaction of sharing professional skills with mission-driven organizations. Through active involvement with the board of a nonprofit organization, enriched by a management project for the organization, students will consolidate their MBA skills while exploring issues related to governance, risk management, impact measures and executive development and motivation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5117. New Venture Creation: Entrepreneurial Opportunities, Resources, and Teams. 1.5 Credit Hour.
Whether students are aspiring entrepreneurs bent on launching new businesses or managers bent on growing profitable businesses, the module seeks students to "think big" and "think outside the box". The central focus of the module is on two key success factors: the entrepreneur; and his/her ability to create and recognize opportunities. It examines the concepts, skills and know-how, information, attitudes and alternatives that are relevant for entrepreneurs engaged in start-up and early-stage ventures, managers of new ventures within established organizations, and the relevant stakeholders. Key questions raised and answered in the module include: What are the key aspects of new venture creation process? How to evaluate an opportunity? How do new ventures achieve growth? What are the key elements of deal structure? How to structure a deal? What are the strategies for harvesting new ventures? What are the unique properties of entrepreneurs and their teams?

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5118. Innovation-Based Strategy: Managing Disruptive Change. 1 to 3 Credit Hour.
This course discusses the basics every manager needs to organize successful technology-driven innovation in both entrepreneurial and established firms. We start by examining innovation-based strategies as a source of competitive advantage and then examine how to build and design organizations that excel at innovations. Major topics include understanding how disruptive innovations impact existing markets; how organizations can embrace disruptive innovations; creating an organizational environment that rewards innovation; organizing to take advantage of internal and external sources of innovation; and designing structures to reduce resistance to change. Many of the examples also focus on how established firms can become more entrepreneurial in their approach to innovation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5119. Social Entrepreneurship: Change the World, Profitably. 1.5 Credit Hour.
Social entrepreneurship combines the energy, discipline and innovativeness of private enterprise with the inclusiveness and farsightedness of public enterprise to solve pressing social, environmental and economic problems. Social entrepreneurship sounds wonderful - but how does it play out in reality? And what does it take to manage multiple bottom lines effectively? Through extensive readings, vigorous discussion with classmates and guest speakers, and action research, we will explore the promise and perils of social entrepreneurship as lever for improving the world - and use our experience with social entrepreneurship as a lens through which to understand business and strategy.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.
SGM 5121. Emerging Market Innovation: Reinventing the Multinational Firm. 1 to 3 Credit Hour.
This course is a deep dive into exploring some of the common management challenges and business opportunities in emerging markets. Operating at the intersection of emerging market strategy, innovation and sustainability, this cutting-edge course will explore two key dimensions of managing in emerging markets: One, how emerging markets are forcing firms to take a long hard look at their existing practices and business models due to the need to address inclusive growth objectives; and two, how by doing so, these companies are laying the foundation for the next generation of competitive advantage. This is a must have course for students interested in emerging markets, international business, global marketing, innovation, sustainability and in understanding how doing good can be blended with doing well.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.
Repeatability: This course may not be repeated for additional credits.

SGM 5122. Business Model Innovation: Profitable and High-Impact by Design. 1.5 Credit Hour.
Business models describe how an organization creates, delivers, and captures value in economic, social, cultural or other contexts. This course will present the defining characteristics of a business model, the most common types of business models (e.g. subscription, brick-and-mortar, click-and-mortar, razor-and-blades, free, freemium, open, long tail, etc.), and help students learn to assess the viability of an organization through a business model lens. We will then learn how to generate, evaluate, and improve novel business models. We will use the business model canvas methodology as well as rely on the strategic revolution/blue ocean strategy approaches to generate rule-breaking business models. Innovative and original business models have the potential to create new competitive spaces as well as reinvent stagnant or declining industries. Our discussion of business models will also include special attention to issues such as the international context of a business, the hybrid nature (economic and social values) of certain businesses, as well as implementation challenges. The course will use a combination of case studies and hands-on practical exercises in order to develop your creative and critical thinking.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

SGM 5123. Corporate Strategy: Managing Diversified Firms. 1.5 Credit Hour.
Much of industrial activity is carried out by large companies which compete simultaneously in multiple markets (product, location, business). In 2012, the largest 500 publicly traded companies sold approximately 11 trillion worth of goods and services or approximately 75% of the output of all U.S. public companies. On average these firms engaged in over 10 different lines of business. Hence it is likely that most people will at some point work for, advise or compete against a multi-product, multi-location, multi-business corporation. This course will broadly examine topics such as: why do multi-product, multi-location, multi-business firms exist? How do they create value? What determines firm boundaries? How are these businesses managed? 

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

SGM 5124. Creative Problem Solving: Perspectives & Techniques that Improve Creativity in Organizations & Life. 1.5 Credit Hour.
Being creative is about solving problems or approaching opportunities in novel and valuable ways. This course is designed to help ALL students better harness their full creative potential—whether you think: “I am not creative” or “I already have more ideas than I can handle”, this class will help you come up with more creative ideas that offer more value and have greater impact on the world. Students in this course will shift both their perspective and their behaviors as they learn about the psychological and sociological underpinnings of creativity while applying practical creativity techniques to real-world challenges during class. This course is designed to complement design thinking/inquiry courses offered at Fox and Temple and delves deeper into critical creativity topics like problem formulation, divergent thinking techniques, idea evaluation and convergent thinking, evolving ideas to increase impact and feasibility, and championing your ideas to find acceptance. No matter what career or profession you are going into, being more creative and appreciating how group and organizational environments can foster creativity will help you to be more valuable, employable, innovative, and entrepreneurial.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.
SGM 5125. Financing Entrepreneurial and Corporate Ventures. 1.5 Credit Hour.
The ecosystem of startups is changing rapidly, presenting new opportunities and challenges for entrepreneurs and early employees as well as for established corporations seeking fresh entrepreneurial ideas. Against this dynamic backdrop, financing and growing a new venture—as an entrepreneur launching a startup or as a company cultivating entrepreneurial opportunities—requires distinctive knowledge and a skill set that integrates strategic, operational, and financial tools. The goal of this course is to apply the analytical skills and functional knowledge developed in the core curriculum to the opportunities and challenges of emerging business opportunities. This course demands synthesis of strategic and financial analysis in the context of real-time applications in a diversity of industry settings, including social media and data analytics, information technology, life sciences, and healthcare and a range of equity and non-equity financing options. One of the biggest hurdles for entrepreneurs is financing their ideas—although securing funding is always difficult, this course helps you appreciate multiple options and implications for each. A special focus will be paid to the investment decision from the perspective of various investors and the entrepreneur, and students will gain insights into factors that influence the viability and financial health of a business as well as the steps that can be taken to increase venture valuation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5126. Innovation Adoption and Diffusion: Finding First Customers and Driving Widespread Implementation. 1.5 Credit Hour.
The difference between a creative idea and an innovation is that an innovation is put into practice or implemented. However, it turns out that the implementation of innovations is actually quite difficult and has exceptionally high failure rates. This course builds on the theoretical foundations of innovation characteristics, adoption, and diffusion as well as behavioral economics while providing concrete, practical advice and techniques for successfully implementing innovative ideas. It is designed to help entrepreneurs and innovators appreciate barriers to adoption, identify and convert first users, and ultimately, drive change and innovation through networks—whether these are customer groups, organizations, or the public at large. Change can be economically and psychologically costly—whether it involves the adoption of a novel product/service or business model by a user, a new process by members of an organization, or simply a new point of view by a person. However, there are ways in which innovations can be positioned to reduce these costs or barriers and techniques by which early adopters can be leveraged to rapidly diffuse these novelties through networks. These skills are what allow individuals to turn a creative idea into an innovation and an innovation into a competitive advantage.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5127. Managing Knowledge Networks: Understanding & Analyzing Social Networks in Organizations & Beyond. 1.5 Credit Hour.
We all know that it is not WHAT you know but WHO you know that matters most. But this truism is even more relevant as we move into a knowledge-based economy. Most significant innovations are the result of a collaborative endeavor between individuals, groups, and organizations. Thus, understanding social networks can be particularly useful in assessing how information and knowledge flow within and across specific units or organizations. This course is designed to provide an introduction to how social network analysis can shed light on problems of collaboration and connectivity in organizations and can provide managers a more effective and strategic way to address these problems. The course will teach students about the importance of knowledge in organizations and cover basic social network analytical methods. These techniques can systematically reveal how collaboration, innovation, and learning are occurring—or not occurring—in informal networks. We will then discuss practical ways for managers to improve networks by looking at individual employees and their positions within a network.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5128. The Crowd, The Cloud, and Open Innovation Strategy. 1.5 Credit Hour.
Unbanded advances in technology and connectedness have transformed the relationship between companies, customers, and competitors. With this transformation, the lines between business relationships, social connections, and competitive advantage are increasingly connected to one another. Thus companies across all industries and size classes—from established industry giants to high-growth companies in new technology areas—require the skills and knowledge to strategically harness the power of “the crowd and the cloud”. This course addresses the distinct challenges and opportunities posed by the confluence of digital community, powerful and expanding data gathering and analytics, and the intertwining of technological change and business models. This course is relevant for students seeking to expand their skills in harnessing insights from real-time change for the development of powerful and adaptable decision-making and innovation. This class will draw upon current topics including: the crowdsourcing of innovation in established firms and new entrants; the use of technological connectedness and social media strategies in developing innovative user communities; the challenges and opportunities of co-creation; and the emergence of crowd-based funding as a financial tool for launching new projects. The course relies on case analysis and class discussions focused on applying analytical skills to challenges and opportunities in current contexts.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5131. Social Entrepreneurship. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.
SGM 5132. Sustainable Business Practices. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

SGM 5170. Special Topics. 1 to 6 Credit Hour.
Special topics in Strategic Management.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

SGM 5180. Special Topics in SGM. 1 to 6 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may be repeated for additional credit.

SGM 5182. Independent Study. 1 to 6 Credit Hour.
Only available to MBA/MS students. Course provides an opportunity for students to explore the creation of an idea for a new eBusiness, as well the planning and research involved in moving from the idea stage to the startup stage. This course involves preparation of a business plan on the new eBusiness idea. In addition, this course provides students with an on-going platform to develop and integrate concepts presented in previous and concurrent seminars. Prior to taking this course, students will be exposed to an entrepreneurship module in the Fall semester. This module is designed to provide students with an opportunity to present preliminary ideas for a new eBusiness endeavor to be expanded on during this course.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may be repeated for additional credit.

SGM 5187. Future Franklins: Assessing the Feasibility of Innovative Business Ideas. 1.5 Credit Hour.
Benjamin Franklin was one of the Founding Fathers of the United States but he was also an inventor and entrepreneur. Among other things he founded his own printing company, created the concept of the mail order catalogue, invented the bifocals and the lightning rod, was instrumental in forming both the first public library and first fire department, and is credited with coining the saying “do well by doing good.” This course will help you find your inner Franklin as you explore a number of potentially viable business models in order to write a feasibility plan for an innovative new idea. Based on our partnership with the Technology Commercialization office, students will have access to a portfolio of Temple’s patented, high-potential technology for their projects or they will have the option to work on their own ideas or technologies. Whether you want to start a new high-growth venture, explore a new business model within an existing company, or be a social entrepreneur this course will help you make this a reality.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may be repeated for additional credit.

SGM 5190. Special Topics: General & Strategic Management. 1 to 6 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may be repeated for additional credit.

SGM 5282. Independent Study. 1 to 3 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may be repeated for additional credit.

SGM 5301. Competitive Strategy. 1.5 to 3 Credit Hour.
The purpose of this course is to build on the concepts introduced in the Foundations of Strategy course and apply them to more advanced applications in a global setting. Using industry structure, strategic profile and complex competitor interaction concepts, students are asked to apply these concepts in a two part simulation.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.
Co-requisites: BA 5301.
Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(FIN 5301|Minimum Grade of B-|May be taken concurrently)
AND (ACCT 5301|Minimum Grade of B-|May be taken concurrently)
SGM 5302. Strategy in a Global Context. 1.5 Credit Hour.
SGM 5302 is designed to focus on key aspects of globalization, including different cultural, political, economic, and legal systems found in the world and analyze the implications of these differences for business. The course will also examine development of strategies in an increasingly innovation-driven, knowledge-based economy, designing organizational structures (including alliances and networks), and managing operations of companies whose activities stretch across national boundaries.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

**Repeatability:** This course may not be repeated for additional credits.

SGM 5401. Competitive Strategy. 1.5 Credit Hour.
The purpose of this course is to build on the concepts introduced in the Foundations of Strategy course and apply them to more advanced applications in a global setting. Using industry structure, strategic profile and complex competitor interaction concepts, students are asked to apply these concepts in a two part simulation.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

**Co-requisites:** BA 5401.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:**
(FIN 5401|Minimum Grade of B-|May be taken concurrently)
(ACCT 5401|Minimum Grade of B-|May be taken concurrently)

SGM 5402. Strategy in a Global Context. 1.5 Credit Hour.
SGM 5402 is designed to focus on key aspects of globalization, including different cultural, political, economic, and legal systems found in the world and analyze the implications of these differences for business. The course will also examine development of strategies in an increasingly innovation-driven, knowledge-based economy, designing organizational structures (including alliances and networks), and managing operations of companies whose activities stretch across national boundaries.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

**Repeatability:** This course may not be repeated for additional credits.
SGM 5501. International Management. 3 Credit Hours.
Operating policies and procedures; organization, administrative, and operational problems of multinational companies. Required for majors in International Business Administration.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
OR ACCT 5402|Minimum Grade of B-|May not be taken concurrently
OR ACCT 5302|Minimum Grade of B-|May not be taken concurrently)
AND (ECON 5001|Minimum Grade of B-|May not be taken concurrently
OR BA 5402|Minimum Grade of B-|May not be taken concurrently
OR BA 5401|Minimum Grade of B-|May not be taken concurrently)
AND (FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR FIN 5402|Minimum Grade of B-|May not be taken concurrently
OR FIN 5302|Minimum Grade of B-|May not be taken concurrently)
AND (MIS 5001|Minimum Grade of B-|May not be taken concurrently
OR MIS 5302|Minimum Grade of B-|May not be taken concurrently
OR MKTG 5402|Minimum Grade of B-|May not be taken concurrently)
AND (MKTG 5001|Minimum Grade of B-|May not be taken concurrently
OR MKTG 5402|Minimum Grade of B-|May not be taken concurrently
AND (MSOM 5001|Minimum Grade of B-|May not be taken concurrently
OR MSOM 5401|Minimum Grade of B-|May not be taken concurrently
OR MSOM 5301|Minimum Grade of B-|May not be taken concurrently)
AND (STAT 5001|Minimum Grade of B-|May not be taken concurrently
OR STAT 5401|Minimum Grade of B-|May not be taken concurrently
OR STAT 5301|Minimum Grade of B-|May not be taken concurrently)

SGM 5701. Project in Consulting. 3 Credit Hours.
Develops problem solving and consulting skills as students work in 3-4 person teams on strategic problems for small, medium-sized and large international corporations in the Philadelphia area. An attempt is made to match up student interests with appropriate projects. Formal presentations are made to executives of participating companies. Note: Enrollment is limited to students in the IMBA program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5702. Multinational Strategic Management. 3 Credit Hours.
Conceptual and operational models of strategic planning examined in detail. Emphasis is on strategy formulation, implementation, and control of organizations of all types. An applied examination of recently developed techniques for assessing industry competitive forces and devising appropriate business strategies. Topics include: analysis of industry trends, recognizing types of industries, developing strategic maps of industry competitors, and learning to utilize industry information sources, among others. Students will be required to conduct an in-depth analysis of at least one industry.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5801. Contemporary Corporate Strategy. 3 Credit Hours.
In this course, you'll increase your grasp of strategic management concepts as they relate to for-profit, not-for-profit and professional organizations. You'll enhance your ability to analyze an industry and develop relevant enterprise-level strategies. In particular, through several real-world case studies, you'll learn about cutting-edge developments in e-business and e-business strategies. You'll apply the concepts to organizations that you and other program participants work for or are interested in.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5882. Independent Study. 1 to 6 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.
SGM 5890. Special Topics. 1 to 6 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

SGM 5901. Mng New/Small Enterprise. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 5902. Managing Bus Planning. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 9001. Seminar: Strategic Form - Environmental Analysis. 3 Credit Hours.
A critical evaluation of the paradigms, theories, and research approaches as well as the current state of knowledge in strategic management. The courses focuses specifically on the theory and current state of research in the analysis of relevant environments and the subsequent formulation of strategy within corporate entities.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 9002. Seminar: Administrative Strategic Decisions. 3 Credit Hours.
Design of systems to implement decisions. Examines concepts and theories of organizational design and processes required to transform strategic decisions into action and desired results. The current research literature in the area of organization decision making is emphasized.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 9003. Seminar: Management Control. 3 Credit Hours.
Survey of control theory and research as it relates to organizational behavior. Examines managerial practices and organizational processes which have the potential effect of achieving strategic goals.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 9090. Spec Topic Strategy. 1 to 6 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

SGM 9183. Directed Study in Mgt. 1 to 6 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

SGM 9211. Theor Fndns in Entrepr. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

SGM 9212. Strategic Management of Technology and Innovation. 3 Credit Hours.
This doctoral seminar provides an introduction to the phenomenon of innovation from the strategic management perspective. By introducing some of the basic theories and concepts of innovation research, this seminar serves as a foundation for building our understanding of how organizations create new innovations, engage in search, design their organizations optimally, and manage change. The emphasis of the seminar is on understanding the main theories on innovation and technology strategy and synthesizing research in this area. We will also develop skills to appreciate and construct theoretically rich empirical research designs.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.