MBA F602  Accounting for Managers
3 Credits
Offered Fall or Spring
A complete and balanced treatment of the concepts, procedures and uses of financial accounting. Coverage includes the accounting cycle, accounting principles, mass processing of transactions, internal control, inventories and merchandising operations, long-lived assets and liabilities, corporate accounting and reporting, partnership accounting, financial statements, funds flow analysis, cost systems for manufacturing operations, and managerial accounting.
Prerequisites: Graduate standing; or approval of the MBA director.
Special Notes: This course is NOT an approved elective for MBA students.

Lecture + Lab + Other: 3 + 0 + 0

MBA F605  Contemporary Topics in Accounting
3 Credits
Offered As Demand Warrants
An advanced seminar designed to meet the accounting needs of managers. These topics can range from taxes to management control systems. May be taken twice for credit when topic changes.
Prerequisites: MBA F602; graduate standing; or permission of the MBA director.

Lecture + Lab + Other: 3 + 0 + 0

MBA F607  Human Resources Management
3 Credits
Offered Spring
The study of the effective management of human resources in organizations to include employee planning and recruiting, selection and orientation, training and career development, performance evaluation, compensation, EEO, occupational safety and health, and labor relations.
Prerequisites: Admission to the MBA program; or permission of the MBA director.

Lecture + Lab + Other: 3 + 0 + 0

MBA F617  Organizational Theory for Managers
3 Credits
Offered Fall and Spring
Overview of the history, concepts, literature and applications in organizational theory. Emphasis on applications and cases applying organizational theory concepts to management.
Prerequisites: Admission to the MBA program; or permission of the MBA director.

Lecture + Lab + Other: 3 + 0 + 0

MBA F620  Portfolio Theory and Asset Pricing
3 Credits
Offered As Demand Warrants
Examination of modern normative portfolio theory and asset pricing. Includes mathematics of portfolio analysis, single-period risk and return measures, and the process of optimal portfolio selection.
Prerequisites: Admission to the MBA program; MBA F680; or permission of the MBA Director.

Lecture + Lab + Other: 3 + 0 + 0

MBA F622  Managing in a Scientific or Technical Field
3 Credits
Offered As Demand Warrants
An overview of managerial skills needed to succeed in a technical field (such as an engineering team or research lab), including leadership best practices for knowledge-workers with diverse technical capabilities & evidence-based and data-driven management techniques. Explores unique aspects of the technical workplace, from intellectual property protection to capital-raising.
Prerequisites: Admission to the MBA program, permission of the MBA director; Undergraduate degree or work experience in a STEM discipline.

Lecture + Lab + Other: 6 + 0 + 9

MBA F623  Business Analytics
3 Credits
Offered As Demand Warrants
This class provides an introduction and application of data analytics in accounting and business contexts. Students will develop an understanding of analytic concepts and how they apply to the investigation of business data relationships and trends.
Prerequisites: Admission to the MBA program.
Stacked with BA F421.

Lecture + Lab + Other: 3 + 0 + 0

MBA F624  Controllership
3 Credits
Offered As Demand Warrants
An advanced course designed to meet the accounting needs of managers. Topics of study include evaluating the design and implementation of management control systems and making recommendations for efficiency and effectiveness, recognizing the ethical, environmental, legal/regulatory, political and social issues embedded within the design, evaluation and effective implementation of management control systems.
Prerequisites: MBA F602; Must be admitted to MBA program; or permission of MBA Director.

Lecture + Lab + Other: 3 + 0 + 0

MBA F627  Business Law and Ethics
3 Credits
Offered Fall
Gain an understanding of the legal, ethical and practical aspects of business law. This course is intended to prepare graduate students for their roles as leaders in the business world by enhancing their ethical decision making and understanding of relevant law.
Prerequisites: Admission to the MBA program.

Lecture + Lab + Other: 3 + 0 + 0
Lecture + Lab + Other: 3 + 0 + 0

MBA F630 Derivative Securities
3 Credits
Offered As Demand Warrants
Derivative securities including options strategies, binomial and Black-Scholes pricing models, commodity and interest-rate futures, hedging strategies using options and futures, and risk management.
Prerequisites: Admission to the MBA program; MBA F620; or permission of the MBA director.
Lecture + Lab + Other: 3 + 0 + 0

MBA F631 Project Management
3 Credits
Offered As Demand Warrants
Project management fundamentals with emphasis on the project life cycle, project definition, project schedule and cost management, human resource allocation and the challenges facing project managers in every industry.
Prerequisites: Must be admitted to the MSDM or MBA program; or permission of MSDM or MBA program director.
Cross-listed with HSEM F632.
Lecture + Lab + Other: 3 + 0 + 0

MBA F632 Human Resources Analytics
3 Credits
Offered As Demand Warrants
An introduction to the theory of people analytics. This course will explore how data and models are used for decision-making in employee selection, compensation, and performance evaluations. Students will learn how and when data is used to make soft-skill decisions about hiring and talent development.
Prerequisites: Admission to the MBA program.
Lecture + Lab + Other: 6 + 0 + 0

MBA F633 Marketing Analytics
3 Credits
Offered As Demand Warrants
This course will explore introductory principles and strategies of data-driven marketing. Students will gain familiarity with common analytical methods, data management, and digital tools for applying marketing analytics.
Prerequisites: Admission to the MBA program.
Lecture + Lab + Other: 6 + 0 + 0

MBA F634 Storytelling with Data
3 Credits
Offered As Demand Warrants
This course introduces students to the visual representation and interpretation of data. Students learn to develop meaningful data visualizations for the appropriate audiences through the use of Tableau, Excel, and other data visualization tools.
Prerequisites: Admission to the MBA program.
Lecture + Lab + Other: 7 + 0 + 0

MBA F635 Economics of Environmental and Business Sustainability
3 Credits
Offered As Demand Warrants
Examines the emerging role of business in responding to the economic challenges of achieving social and ecological sustainability. Investigates alternative measurements for evaluating the performance of the economy and the business and consumer sectors, including the triple bottom line model.
Prerequisites: Must be admitted to the MBA program.
Lecture + Lab + Other: 3 + 0 + 0

MBA F636 Information Assurance and Risk Assessment
3 Credits
Offered As Demand Warrants
Overview of enterprise security, privacy and information security assessment and management, and cybersecurity. Concentration on tangible and intangible costs of risks and examination of information assurance and security risk assessment concepts. Students will understand how to assess information security risks and use that information to develop potential solutions.
Prerequisites: Graduate standing in the MSDM or MBA program or certificates, or as approved by program director.
Cross-listed with HSEM F641.
Lecture + Lab + Other: 3 + 0 + 0

MBA F637 Business Continuity and Risk Assessment
3 Credits
Offered As Demand Warrants
In-depth analysis of business continuity to include risk analysis and plan assessment. Overview of potential risks from more than a natural disaster standpoint. The correct way to use risk analyzes while developing a continuity plan will be discussed. The importance of exercising and maintaining a plan will also be reviewed.
Prerequisites: Graduate standing in the MSDM, MBA or certificate program.
Cross-listed with HSEM F646.
Lecture + Lab + Other: 3 + 0 + 0
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>MBA F647</td>
<td>Business Continuity Audit</td>
<td>3</td>
<td>Offered As Demand Warrants. As part of the business continuity cycle, audits of the business continuity system must be conducted. Topics for this class include: What an audit is, the framework for conducting, how to conduct an audit, the importance of auditing, and what and how the final product should be used. Prerequisites: Graduate standing in the MSDM, MBA or certificate program. Cross-listed with HSEM F647.</td>
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<td>MBA F648</td>
<td>Perspectives in Addressing Cybersecurity &amp; Critical Infrastructure</td>
<td>3</td>
<td>Offered As Demand Warrants. The course explores the nature of the critical infrastructure, the possible threats that exist or might exist and how they can be countered. Through case studies, we will examine the varied serious potential threats out there to the numerous critical infrastructures we have identified. Prerequisites: Graduate standing in the MSDM or MBA program or certificates, or as approved by program director. Cross-listed with HSEM F648.</td>
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<td>MBA F649</td>
<td>Cyber Threats and Vulnerabilities</td>
<td>3</td>
<td>Offered As Demand Warrants. This course is focused on threats, vulnerabilities, patch management, incident response, and security operations to identify and protect against internal and external threats. Various security threats will be covered including hacker attacks, e-mail borne viruses, backdoor problems, and internal sabotage. Cybercrime, cybersecurity, and global information security will be discussed. Prerequisites: Graduate standing in the MSDM or MBA programs, certificates, or as approved by program director. Cross-listed with HSEM F649.</td>
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<td>MBA F653</td>
<td>Internship in Business Administration</td>
<td>3</td>
<td>Offered As Demand Warrants. A supervised practical work experience that engages students in structured exploration of the business environment and an opportunity to demonstrate and apply previous coursework and prior learning to their current internship. Focus on applying previous learning, developing business acumen, and preparing for future employment. Admission requires approved job arrangements. Prerequisites: Admission to the MBA program. Stacked with MBA F453.</td>
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<td>MBA F655</td>
<td>Strategic Collaboration</td>
<td>3</td>
<td>Offered Summer. This course is designed to explore the techniques of collaboration and communication and their strategic use in managing contemporary organizations. Students will identify their own communication style and how to deploy it in various managerial situations. Topics will include exploring individual personality type and the effect of type on collaboration. Prerequisites: Must be admitted to the MSDM or MBA program; or permission of MSDM or MBA program manager. Cross-listed with HSEM F665.</td>
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<td>MBA F665</td>
<td>New Venture Development</td>
<td>3</td>
<td>Offered Spring. Students will take a hands-on approach to commercializing their own or selected innovative ideas through focused study in several key areas of entrepreneurship, as well as learn how to assess and understand the industry, customers and competitors for a new venture. Prerequisites: Must be admitted to the MBA program.</td>
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<td>MBA F667</td>
<td>Financial Markets and Strategy</td>
<td>3</td>
<td>Offered Fall and Spring. Description of capital markets, development of the major financial theories that explain how to value financial instruments, and examination of how these theories can be used by corporations to evaluate real investments. How firms choose among the various instruments available to them for financing operations and how these instruments help firms manage risks. These corporate financial decisions are viewed as part of the overall corporate strategy of firms, affecting investment and operating strategies, product market strategies, and the ways in which executives are compensated. Prerequisites: Admission to the MBA program; MBA F675; or permission of MBA director.</td>
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MBA F681  Fixed Income Securities and Markets
3 Credits
Offered As Demand Warrants
Fixed income securities and markets including treasury, agency, mortgage-backed and corporate securities, municipal bonds and derivatives. Introduces technical issues relating to duration, convexity and bond-portfolio management.
Prerequisites: Admission to the MBA program; MBA F630; or permission of MBA director.
Lecture + Lab + Other: 3 + 0 + 0

MBA F682  Financial Statement Analysis
3 Credits
Offered Fall
How to comprehend and critically evaluate financial statements. Building on topics introduced in a first-year course in financial accounting, analyze additional disclosures typically included in financial statements. These activities will be useful in tasks related to valuation, credit decisions, competitor assessment and bankruptcy predictions.
Prerequisites: Admission to the MBA program; or permission of MBA director.
Lecture + Lab + Other: 3 + 0 + 0

MBA F683  Advanced Topics in Marketing
3 Credits
Offered As Demand Warrants
Current topics and issues in marketing management, such as political and services marketing, marketing communications, marketing in Alaska or other relevant subjects.
Prerequisites: Admission to the MBA program; MBA F643; or permission of MBA director.
Special Notes: May be taken twice for credit when topic changes.
Lecture + Lab + Other: 3 + 0 + 0

MBA F690  Corporate Strategy
3 Credits
Offered Fall and Spring
An integrative approach to strategy formation and implementation (decision-making) to achieve organization goals. Students will be introduced to theoretical perspectives and associated methodologies directed toward resolving the unstructured problems and opportunities which confront general managers at the highest levels of an organization.
Prerequisites: Admission to the MBA program; MBA F617; MBA F675; MBA F680; or permission of MBA director.
Special Notes: MBA F690 is an advanced seminar taken during the student's last spring semester.
Lecture + Lab + Other: 3 + 0 + 0

MBA F691  Advanced Topics in Business
3 Credits
Offered As Demand Warrants
Developing managers' ability to excel in specialized areas of business such as entrepreneurship and risk management.
Prerequisites: Admission to the MBA program; or permission of MBA director.
Special Notes: May be taken twice for credit when topic changes.
Lecture + Lab + Other: 3 + 0 + 0