

# Master of Business Administration (MBA)

## College of Business and Security Management

Business Administration Program (<https://www.uaf.edu/cbsm/programs/business-administration.php>)  
907-474-7461

### MBA F602 Accounting for Managers

3 Credits

Offered Fall and Spring

An introduction to financial and managerial accounting. Focuses on identifying, accumulating and communicating financial information to management and other stakeholders for the purpose of making educated and rational business decisions.

**Prerequisites:** Admission to the MBA program or permission of the MBA director.

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

**Grading System:** Letter Grades with option of Plus/Minus

### 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

**Grading System:** Letter Grades with option of Plus/Minus

**Repeatable for Credit:** May be taken 2 times for up to 6 credits

### 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

**Grading System:** Letter Grades with option of Plus/Minus

### 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

**Grading System:** Letter Grades with option of Plus/Minus

### 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

**Grading System:** Letter Grades with option of Plus/Minus

### MBA F621 Economics for Managers

3 Credits

Offered Fall and Spring

An introduction to principles of economics tailored to business managers. Topics include costs, demand, pricing, market structure, market equilibrium and strategic interaction. Applied principles of macroeconomics including money and banking, interest rates, trade and finance, are explored in the context of managerial decision-making.

**Prerequisites:** Admission to the MBA program or permission of the MBA director.

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

**Grading System:** Letter Grades with option of Plus/Minus

### MBA F622 Managing in a Scientific or Technical Field

3 Credits

Offered Spring Even-numbered Years

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 and 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

**Grading System:** Letter Grades with option of Plus/Minus

### 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

**Grading System:** Letter Grades with option of Plus/Minus

### MBA F624 Controllership

3 Credits

Offered As Demand Warrants

An advanced course designed to meet the accounting needs of managers. Topics 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

**Grading System:** Letter Grades with option of Plus/Minus

**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

**Grading System:** Letter Grades with option of Plus/Minus

**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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F632 Project Management**

3 Credits

Offered Fall and Spring

This course is designed to cover key components of 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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F633 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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F634 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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F635 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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F636 Survey of Healthcare Administration**

3 Credits

Offered Fall

Students will study the specialized area of business and healthcare administration, which involves everything from entrepreneurship (one provider in a private practice) to risk management (malpractice insurance, quality measures, etc.). Students will explore the dynamic field of healthcare and how it is changing rapidly with advancements in technology.

**Cross-listed with** HML F636.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F637 Information Systems and Decision Making in Health Services**

3 Credits

Offered Spring

Overview of clinical and administrative health care data, their uses and impact on quality, cost and operations on a health care organization. The aim of the course is to gain skills to develop, manage and integrate clinical and administrative information, to support timely and informed decision making by all stakeholders.

**Cross-listed with** HML F637.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F638 Healthcare Law & Ethics**

3 Credits

Offered Fall

Students will be introduced to major health care laws, regulations, professional and ethical principles, and industry standards governing health care structure and delivery. This includes health care fraud, professional licensing and credentialing, malpractice, compliance, quality, risk management and privacy and security of health information.

**Cross-listed with** HML F638.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F639 Healthcare Finance and Economics**

3 Credits

Offered Spring

The first half of the course will focus on financial principles to individuals without a finance background as applicable to the healthcare sector. The second half of the course will delve into the economic drivers that influence the demand and supply of the health care industry.

**Cross-listed with** HML F639.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F641 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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F642 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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F643 Marketing Management**

3 Credits

Offered Fall and Spring

Provides managerial approach to examining processes for identifying prospective opportunities, and reviews marketing mix elements relating to planning, developing and implementing marketing plans. Topics include market segmentation, buyer behavior, product policy and strategy, pricing, promotion and sales force management, distribution channel policy, competitive behavior, market research and marketing ethics.

**Prerequisites:** Admission to the MBA program; or permission of the MBA director.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F645 Crisis Management**

3 Credits

Offered As Demand Warrants

An in-depth review of crisis management to include the different crises an organization may face. The importance of an ethical and strategic response, developing a solid crisis management plan, strong crisis communication, and developing a crisis management team will be discussed.

**Prerequisites:** Graduate standing in the MSDM, MBA or certificate program.

**Crosslisted with** HSEM F645.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F646 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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F647 Business Continuity Audit**

3 Credits

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.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F648 Perspectives in Addressing Cybersecurity & Critical Infrastructure**

3 Credits

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.

**Crosslisted with** HSEM F648.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F649 Cyber Threats and Vulnerabilities**

3 Credits

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.

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

**Grading System:** Letter Grades with option of Plus/Minus

**MBA F653 Internship in Business Administration**

3 Credits

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** BA F453.**Lecture + Lab + Other:** 0 + 3 + 20**Grading System:** Letter Grades with option of Plus/Minus**MBA F656 Strategic Leadership**

3 Credits

Offered As Demand Warrants

Focus on the understanding and application of strategic leadership. We will discuss the process by which leaders make decisions at the strategic level. We will use historical examples of strategic leaders and assess the success—and failure—of strategic leadership under the challenging and catastrophic scenarios.

**Prerequisites:** Graduate standing within the MSDM or MBA programs.**Cross-listed with** HSEM F656.**Lecture + Lab + Other:** 3 + 0 + 0**Grading System:** Letter Grades with option of Plus/Minus**MBA F665 Strategic Collaboration**

3 Credits

Offered As Demand Warrants

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.**Lecture + Lab + Other:** 3 + 0 + 0**Grading System:** Letter Grades with option of Plus/Minus**MBA F673 Innovation Management**

3 Credits

Offered Fall

Overview of the skills a manager needs to administer an innovation systems and toolkit for dealing with various innovation issues in a broad business setting. Topics include creation innovation diversity; innovation dynamics, intellectual properties, technology/innovation commercialization, and innovation strategies.

**Prerequisites:** Graduate standing or approval of the MBA director.**Lecture + Lab + Other:** 3 + 0 + 0**Grading System:** Letter Grades with option of Plus/Minus**MBA F674 New Venture Development**

3 Credits

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.**Lecture + Lab + Other:** 3 + 0 + 0**Grading System:** Letter Grades with option of Plus/Minus**MBA F675 Quantitative Methods for Managers**

3 Credits

Offered Fall and Spring

An in-depth treatment of quantitative research methods in an applied context. The usefulness of those techniques to the managerial decision-making process. Research skills are presented as a set of tools that enable managers to make better decisions.

**Prerequisites:** STAT F200X; admission to the MBA program; or permission of MBA director.**Lecture + Lab + Other:** 3 + 0 + 0**Grading System:** Letter Grades with option of Plus/Minus**MBA F680 Financial Markets and Strategy**

3 Credits

Offered Fall and Spring

Overview of capital markets, major financial theories, and the valuation of financial instruments. Focus on how corporate financial decisions impact risk, operations and strategy of the firm.

**Prerequisites:** Admission to the MBA program; MBA F602; MBA F675; or permission of MBA director.**Lecture + Lab + Other:** 3 + 0 + 0**Grading System:** Letter Grades with option of Plus/Minus**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**Grading System:** Letter Grades with option of Plus/Minus**MBA F682 Financial Statement Analysis**

3 Credits

Offered As Demand Warrants

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**Grading System:** Letter Grades with option of Plus/Minus**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**Grading System:** Letter Grades with option of Plus/Minus**Repeatable for Credit:** May be taken 2 times for up to 6 credits

**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 F602; MBA F617; MBA F621; MBA F675; MBA F680 (may be taken concurrently); 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

**Grading System:** Letter Grades with option of Plus/Minus

**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

**Grading System:** Letter Grades with option of Plus/Minus

**Repeatable for Credit:** May be taken 2 times for up to 6 credits