

# BUSINESS ADMINISTRATION (BADM)

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## **BADM 502. FINANCE. 4 Credits.**

**Notes:** this MBA foundation course, a prerequisite to all MBA finance courses, does not count toward the required MBA degree credits.

**Pre-requisites:** admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This accelerated course deals with the application of basic theory and analytical techniques to financial decision making. Topics include time value of money, risk and return, capital management, cost of capital, option theory, capital structure decisions, dividend policy, and the market for corporate control.

## **BADM 503. QUANTITATIVE ANALYSIS IN BUSINESS. 4 Credits.**

**Notes:** this MBA foundation course, a prerequisite to all MBA quantitative analysis courses, does not count toward the required MBA degree credits.

**Pre-requisites:** admission to the MBA program or permission of the School of Business Director of Graduate Programs.

An accelerated course in descriptive and inferential statistics, including basic regression analysis, chi-square analysis and quality control methodology.

## **BADM 505. ESSENTIALS OF ACCOUNTING. 4 Credits.**

**Notes:** this MBA foundation course, a prerequisite to all MBA accounting courses, does not count toward the required MBA degree credits.

**Pre-requisites:** admission to the MBA program or permission of the School of Business Director of Graduate Programs.

An accelerated course in understanding and using accounting information and accounting information systems in a business environment: includes coverage of both financial and managerial accounting information.

## **BADM 508. ESSENTIALS OF OPERATIONS MANAGEMENT. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

This course explores models and methods of production and service management. It provides a conceptual foundation and quantitative tools that can be applied to specific business problems. Topics may include, but are not limited to, process choice, product design, quality management, principles of supply chain management, facility planning, forecasting, inventory management and scheduling.

## **BADM 511. MULTINATIONAL PEOPLE MANAGEMENT. 4 Credits.**

**Pre-requisites:** admission to the MBA program.

This course analyzes the human resource issues that exist in an international business environment. It examines diversity and cultural values existing among home country, host country, and "corporate cultures". Main topics include the importance and management of international business, cultural and behavioral issues, human resource management/labor relations, and strategic decisions. Emphasis will be on the management of international assignments including: staffing, training, and development.

## **BADM 520. DATA DRIVEN DECISION MAKING. 4 Credits.**

**Pre-requisites:** successful completion of BADM 503 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

A career in management is likely to involve decision making based on data. It is important to be able to organize and use data appropriately and intelligently to make decisions. This course provides an understanding of the statistical and data analysis tools that are necessary in managerial decision making. It should make you aware of how data analysis tools can be used and misused within an organization.

## **BADM 530. CORPORATE FINANCE. 4 Credits.**

**Pre-requisites:** successful completion of BADM 502 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course covers an analysis of valuation issues and project analysis as well as the relationship between risk, capital structure, cost of capital and dividend policy. It examines contemporary issues and problems confronting financial managers.

## **BADM 531. FINANCIAL STATEMENT ANALYSIS. 4 Credits.**

**Notes:** it is strongly recommended that BADM 530 be taken before BADM 531.

**Pre-requisites:** successful completion of BADM 502 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course prepares students to read, interpret and analyze financial statements. The course integrates various concepts and different procedures to provide both financial and accounting set of important analytical tools including abilities to read, interpret and compare financial statements, understand cash flow, different accounts on companies' balance sheet and income statements, basic profitability and risk analysis issues.

## **BADM 532. INTERNATIONAL FINANCIAL MANAGEMENT. 4 Credits.**

**Notes:** it is strongly recommended that BADM 530 be taken before BADM 532.

**Pre-requisites:** successful completion of BADM 502 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

Surveys the important aspects of financial management in the international arena, including international financial markets, exchange rate determination, exchange rate and country risks, risk hedging and financial management in international organizations.

## **BADM 533. INTERNATIONAL INVESTMENTS. 4 Credits.**

**Notes:** it is strongly recommended that BADM 530 be taken before BADM 533.

**Pre-requisites:** successful completion of BADM 502 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course examines foreign exchange rates and relationships, international asset pricing, differences in equity markets, analysis of equity and debt securities, global investing and diversification. It includes equity analysis and portfolio management.

**BADM 534. INVESTMENTS. 4 Credits.**

**Notes:** it is strongly recommended that BADM 530 be taken before BADM 534.

**Pre-requisites:** successful completion of BADM 502 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course examines basic securities analysis and valuation, investor objectives, the relationship between risk and return, sources of relevant information and portfolio theory. Practical application and current events will be emphasized.

**BADM 536. FINANCIAL MARKETS AND INSTITUTIONS. 4 Credits.**

**Notes:** it is strongly recommended that BADM 530 be taken before BADM 536.

**Pre-requisites:** successful completion of BADM 502 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course covers cases, computer simulations, spreadsheets (Excel) and other analytical methods applied to issues and problems in financial markets. The course discusses the various types of financial markets, the financial instruments traded in these markets and the institutions that serve them, interest rate determination and term structure and the role of central banks.

**BADM 539. SPECIAL TOPICS. 4 Credits.**

**Notes:** for some BADM 539 offerings, a prerequisite may be required.

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

Electives are designed to (1) help students enhance functional business skills by providing an in-depth study of a selected topic from a business core area and (2) expose students to a variety of environments in which business decision making skills are applied, such as international or not-for-profit organizations and/or specific industries, such as health care or service industries.

**BADM 540. MARKETING MANAGEMENT. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

This course is a study of both the theoretical and applied aspects of the marketing process. It covers the elements of successful marketing strategies, marketing decision-making and the impact of marketing on business.

**BADM 541. MANAGERIAL COMMUNICATIONS. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

This course is designed to refine the student's written, oral, and electronic communications skills as applied to the managerial environment within the organization.

**BADM 542. GLOBAL MARKETING. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

Analysis of economic, cultural, political and competitive factors affecting firms in global markets. Examining the role of global marketing planning and strategy in overall firm growth and survival. And study of marketing in major trading blocs and developing markets. And study of marketing in major trading blocs and developing markets.

**BADM 552. LEADERSHIP AND ETHICS. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

This course inquires as to leaders and leadership from a perspective of ethics. It asks the student to think about principled leadership through three complex lenses: personal character, accountability, and pragmatism (ethical action in an uncertain, competitive, and imperfect world). Each of these lenses reflects traditions in moral philosophy and each emphasizes fundamental aspects of leaders' responsibilities.

**BADM 555. STRATEGIC OPERATIONS. 4 Credits.**

**Pre-requisites:** admission to MBA program or permission of the School of Business Director of Graduate Programs.

This course is a study of business operations practice - including production technology transfer, cause-and-effect for operations problems, operations strategies and action plans - and their applications to managerial decision making.

**BADM 557. ADVANCED COST ACCOUNTING FOR MBA STUDENTS. 4 Credits.**

**Pre-requisites:** successful completion of BADM 505 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

The course is designed to extend and apply the knowledge base in cost accounting and provide a further understanding of managerial accounting issues in planning, organizing and controlling organizational activities. Topics include analyzing and managing costs, developing cost systems that facilitate decision-making, identifying opportunities for improving business process, and developing measures to assess performance. Focus is on cost control and profit analysis.

**BADM 560. ADVANCED ACCOUNTING FOR MANAGERS. 4 Credits.**

**Pre-requisites:** successful completion of BADM 505 or approved equivalency and admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course focuses on the use of accounting information and accounting information systems in business decision-making.

**BADM 564. E-COMMERCE. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

Electronic commerce includes not only selling/buying online but also much more broad activities, such as organizational internal processes supports, electronic collaboration among partners, distance learning, and virtual communities. This course explores how the landscape of E-Commerce is changing and evolving. It covers the important topics of E-Commerce, including selling and marketing online, businesses trading and collaborating with other businesses.

**BADM 568. INFORMATION SYSTEMS PROJECT MANAGEMENT. 4 Credits.**

**Pre-requisites:** admission to the MBA or Cybersecurity MS program.

Project management in modern organizations is a complex, team-based process that relies on the support of information technology. This course emphasizes five key focal areas: process focus, team focus, technology focus, global focus, and Project Management Body of Knowledge (from Project Management Institute, PMI) focus. This course provides the knowledge and skills necessary to successfully manage information systems projects in modern organizations.

**BADM 569. INTERNATIONAL FORENSIC ACCOUNTING. 4 Credits.**

**Pre-requisites:** ACCT 251, ACCT 252, BADM 505; admission to the MBA program or permission of the School of Business Director of Graduate Programs.

Forensic accounting occurs if financial wrongdoing is suspected. To resolve whether there has been crime versus error, additional scrutiny is needed. Managers need basic accounting, auditing, and qualitative analytical skills to participate in forensic investigations. Professionals must look beyond the numbers and consider the situation from many human perspectives. Managers with a background in forensic analysis will have an advantage in resolving problems facing their organization.

**BADM 570. INFORMATION TECHNOLOGY AND BUSINESS INTELLIGENCE. 4 Credits.**

**Notes:** offered through the Business Analytics Department.

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

Managing and analyzing information is a critical skill for success in today's business environment. This course discusses IT management in organizations, including IT and business alignment, IT infrastructure, IT security, IT governance, IT service, IT project management, and IT ethics. This course also discusses database processing and business intelligence which provides a vital support to data-informed business decision making.

**BADM 574. ENTREPRENEURSHIP AND SMALL BUSINESS FINANCE. 4 Credits.**

**Pre-requisites:** admission to MBA program or permission of the School of Business Director of Graduate Programs.

This course is designed to assist students in understanding the stages of new venture development and how financing needs change with each stage. Students will learn to develop a financing plan consistent with the venture's business plan; to make appropriate financing choices; and to develop strategies to harvest the business.

**BADM 577. ENTREPRENEURSHIP. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

This course is designed to provide the student a rigorous experience in not only learning about global entrepreneurship, but also in developing a business plan for either their own existing firm or a start-up opportunity. While not a capstone course it does require the student to utilize previously learned information that can be incorporated in the business plan. Verbal and oral communication, as well as Internet based communication and searching, are of import in this course.

**BADM 580. INTERNATIONAL BUSINESS ENVIRONMENTS. 4 Credits.**

**Pre-requisites:** admission to MBA Program or permission of the School of Business Director of Graduate Programs.

This course provides an overview of the roles of business in the global economic, political, social and other environments in which businesses operate.

**BADM 582. BUSINESS INTELLIGENCE FOR MANAGERS. 4 Credits.**

**Pre-requisites:** admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course discusses data processing and business intelligence which provides a vital support to data-informed business decision making.

**BADM 584. DATA VISUALIZATION FOR MANAGERS. 4 Credits.**

**Pre-requisites:** admission to the MBA program or permission of the School of Business Director of Graduate Programs.

Data visualization helps people understand the information within data by placing it in a visual context. As statistical results are often communicated poorly in the media, in scientific journals, and in business, this course examines methods used in the presentation of these results to non-statistically oriented audiences. A variety of software packages are used to develop appropriate data visualizations. Non-technical writing and presentation skills are emphasized.

**BADM 586. BUSINESS FORECASTING FOR MANAGERS. 4 Credits.**

**Pre-requisites:** BADM 503; admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course focuses on the statistical techniques that are fundamental to preparing forecasts useful in guiding managerial decision making in organizational business cycles. Instruction also focuses on exploring time series characteristics as well as identifying and analyzing the components underlying a time series.

**BADM 588. MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE FOR BUSINESS. 4 Credits.**

**Pre-requisites:** admission to the MBA program or permission of the School of Business Director of Graduate Programs.

This course discusses machine learning and artificial intelligence for business. Popular machine learning algorithms and artificial intelligence applications are covered.

**BADM 590. MBA CAPSTONE. 4 Credits.**

**Notes:** must be taken in the last or second-to-last quarter of the MBA program.

**Pre-requisites:** permission of the School of Business Director of Graduate Programs and completion of all other core courses.

This capstone course requires students to use knowledge from all previous coursework to analyze, evaluate, and solve complex organizational problems in case study, simulation or projects formats.

It builds on that knowledge to develop strategic thinking about organizations and their environments in conditions of uncertainty.

**BADM 595. INTERNSHIP. 1-4 Credits.**

**Pre-requisites:** admission to MBA program or permission of the School of Business Director of Graduate Programs.

Internship.

**BADM 596. EXPERIMENTAL COURSE. 1-4 Credits.**

**Pre-requisites:** admission to MBA program or permission of the School of Business Director of Graduate Programs.

Experimental.

**BADM 598. GRADUATE SEMINAR. 1-4 Credits.**

**Pre-requisites:** admission to MBA program or permission of the School of Business Director of Graduate Programs.

Graduate seminar.

**BADM 599. INDEPENDENT STUDY. 1-4 Credits.**

**Pre-requisites:** permission of the instructor, department chair and college dean.

Independent study.