

MBA Elective Courses



Overview

Course #	Course Name	Prerequisite(s)
MBA 602A	Information Assurance	ACC 401 or permission of instructor
MBA 602B	Fraud Investigation	MBA 600A and MBA 601A
MBA 603A	Advanced Financial Accounting	ACC 305 or permission of instructor
MBA 604A	Taxes and Business Strategy	ACC 305 and ACC 420
MBA 604B	Advanced Issues in Taxation	ACC 420 or permission of instructor; MBA 600A and MBA 601A
MBA 605A	Contemporary Issues in Accounting	ACC 306 or permission of instructor
MBA 605B	International Accounting	ACC 306 or permission of instructor
MBA 606A	Financial Statement/Risk Analysis	ACC 306 or permission of instructor
MBA 607A	Strategic Performance Measurement and Control: A System's Perspective	ACC 303 and MBA 792 or permission of instructor
MBA 608A	Accounting Information Systems	ACC 341 and MBA 660 or permission of instructor
MBA 609A	Special Topics in Accounting	Permission of instructor
MBA 609B	Individual Research in Accounting	Permission of instructor; strong academic and/or professional background in accounting.
MBA 613	JIT and Quality in Manufacturing and Services	MBA 793
MBA 614	Analysis of Factory Systems	MBA 611, MBA 612, and MBA 791
MBA 617	Business Process Improvements	MBA 611 and MBA 612
MBA 618	Operations Management Research Seminar	One OPM elective
MBA 619	Special Topics in Operations Management	Permission of instructor
MBA 622	Advanced Corporate Finance	MBA 796

Course #	Course Name	Prerequisite(s)
MBA 624	Commercial Bank Management	MBA 620A and MBA 620B
MBA 625	Investments and Financial Markets	MBA 620A and MBA 620B
MBA 626	International Financial Management	MBA 620A and MBA 620B
MBA 627	Financial Derivates and Risk Management	FIN 360 or MBA 625 or MTH 558
MBA 628	Fixed Income Analysis	MBA 611, MBA 620A, and MBA 620B
MBA 629	Special Topics in Finance	Permission of instructor
MBA 632	Services Marketing	MBA 630
MBA 633	Sales Management	MBA 630
MBA 634	Consumer Behavior	MBA 620
MBA 635	Market Analysis and Research	MBA 611 and MBA 630
MBA 636	Multicultural Marketing	MBA 630
MBA 637	Global Marketing Management	MBA 630
MBA 638	Product Planning and Development	MBA 630
MBA 639	Special Topics in Marketing	MBA 797
MBA 646	International Trade and Business Applications	MBA 640
MBA 649	Special Topics in Economics	Permission of instructor
MBA 652	Social Responsibility and Ethical Dimensions of Management	MBA 670
MBA 653	Corporate Issues and Survey Practicum	Completion of all foundation courses
MBA 656	International Culture and Management (Study Abroad)	Completion of all foundation courses or permission of faculty member
MBA 659	Special Topics – Organizations and their Environments	Permission of instructor
MBA 661	E-Commerce	MBA 660
MBA 662A	Security Management for Information Systems (Unclassified)	MBA 660 or equivalent
MBA 662B	Managing Telecommunication and Networking Systems (Classified)	MBA 662A or instructor permission; U.S. Dept of Defense Interim Secret Clearance or higher.

Course #	Course Name	Prerequisite(s)
MBA 662C	Managing Internet Security (Classified)	MBA 662B; U.S. Dept of Defense Interim Secret Clearance or higher
MBA 663	Management of Information Resources	MBA 660; MBA 794 is recommended
MBA 664	Database Management	MBA 660
MBA 665	Systems Analysis and Design	MBA 660 and MBA 664
MBA 667A	Business Intelligence	MBA 611, MBA 660 and some SQL query language
MBA 667B	Data Warehousing	MBA 660 and MBA 664 or database management coursework or relevant database management experience
MBA 668	Advanced Web Site Development	HTML and a high-level programming language or instructor permission
MBA 669	Special Topics in Management Information Systems	Permission of instructor
MBA 676	International Management	MBA 670
MBA 679	Special Topics in Management and Entrepreneurship	Permission of instructor
MBA 680	Entrepreneurship and the Family Firm	Completion of all foundation courses
MBA 682	New Venture Management	MBA 620A, MBA 620B, and MBA 630
MBA 684	Competitive Analysis	No prerequisite
MBA 695	Individual Research	Permission of faculty advisor and MBA Director

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Course Descriptions

MBA 602A Information Assurance

3.0 credit hours

An exploration of 1) the various ways that accounting provides forms of assurance to information users in making important economic decisions through the use of traditional audit methodologies and an expansion of the audit sphere into attestation and assurance practices, and 2) ethical obligations and decision making in accounting.

Prerequisite: ACC 401 or permission of instructor

MBA 602B Fraud Investigation

3.0 credit hours

Study of topics related to the detection, investigation, and prevention of accounting fraud within a legal and ethical environment. This course will concentrate on occupational fraud and financial statement fraud.

Prerequisites: MBA 600A and MBA 601A

MBA 603A Advanced Financial Accounting

3.0 credit hours

Study of accounting for business combinations, consolidated financial statements, government organizations, multinational subsidiaries and foreign currency transactions including an introduction to IFRS.

Prerequisite: ACC 305 or permission of instructor

MBA 604A Taxes and Business Strategy

3.0 credit hours

Primary emphasis is given to developing a framework that articulates how effective tax planning affects business decisions. An advantage of the framework over a strictly rules-based course is that it can be applied to current and future tax regimes, as well as across tax jurisdictions. Significant emphasis is given to understanding how to account for income taxes for financial statement purposes. Although not primarily a rules-based course, application of the effective tax planning framework to cases and problem-solving exercises will increase students' knowledge of U.S. tax rules and the factors that shape them.

Prerequisites: ACC 305 and ACC 420

MBA 604B Advanced Issues in Taxation

3.0 credit hours

Study of the current federal income tax code and its application to individuals and business entities. Emphasis is placed on the technical issues and planning opportunities that businesses face.

Prerequisites: ACC 420 or permission of instructor; MBA 600A, MBA 601A

MBA 605A Contemporary Issues in Accounting

3.0 credit hours

Seminar covering emerging or controversial accounting issues for the student who has a strong accounting background. Topics include the business and financial situations that underlie accounting problems and controversies, alternative accounting techniques which are accepted or proposed, and the consequences of various accounting practices.

Prerequisite: ACC 306 or permission of instructor

MBA 605B International Accounting

3.0 credit hours

Study of current topics in international accounting. This course will typically include a week or more of study outside of the U.S. that will include lectures and relevant site visits. In addition to normal tuition, there may be travel and other costs or fees. Foreign locations, countries, topics, and duration may vary.

Prerequisite: ACC 306 or permission of instructor

MBA 606A Financial Statement/Risk Analysis

3.0 credit hours

A study of the tools and techniques of financial statement analysis including consideration of various alternatives and techniques as well as the impact of economics and accounting measurements.

Prerequisite: ACC 306 or permission of instructor

**MBA 607A Strategic Performance Measurement and Control:
A System's Perspective**

3.0 credit hours

The design and use of performance measurement and control systems from an integrated systems view of an organization. An important aspect of the course is to "think out of the box" in terms of how to design more flexible and adaptive cost management and performance measurement systems to help organizations become more flexible and responsive in meeting customer needs. Performance measurement and control are discussed in light of an integrated systems view of an organization, the principles of the Toyota Way, the Toyota Production System, and Lean Accounting.

Prerequisites: ACC 303 and MBA 792 or permission of instructor

MBA 608A Accounting Information Systems

3.0 credit hours

A study of accounting information systems and their impact on management decision making and control. Emphasis on the systems approach to the collection and reporting of accounting data, system internal controls, and computer applications for managerial and financial accounting.

Prerequisites: ACC 341 and MBA 660 or permission of instructor

MBA 609A Special Topics in Accounting

3.0 credit hours

Advanced and current topics in accounting. Topics vary.

Prerequisite: Permission of instructor

MBA 609B Individual Research in Accounting

3-6 credit hours

Individual research in accounting subjects under the guidance and direction of an accounting faculty member. A formal proposal must be completed and approved by the faculty member, Department Chair, and MBA Director prior to registration.

Prerequisite: Permission of instructor; strong academic and/or professional background in accounting

MBA 613 JIT and Quality in Manufacturing and Services

3.0 credit hours

Study of the concepts and techniques of just-in-time manufacturing, total quality systems, and statistical process control. Projects, tours, and guest speakers.

Prerequisite: MBA 793

MBA 614 Analysis of Factory Systems

3.0 credit hours

Study of the concepts and techniques of analysis, design, and management of factory production systems. Work-flow layout, scheduling techniques, stochastic process models, simulations and computerized factory models. (May not be taken for credit if the Special Topic MBA 669 "Decision Support Systems" has been completed.)

Prerequisites: MBA 611, MBA 612 and MBA 791

MBA 617 Business Process Improvements

3.0 credit hours

A study of the concepts and techniques of business process analysis and improvements as building blocks for all operations improvement strategies, using a range of tools from simple process-mapping to computer-based process-modeling. Balancing technical/analytical and organizational/behavioral aspects of business process improvements are highlighted. The class will include a business process analysis/improvement project using a process modeling software.

Prerequisites: MBA 611 and MBA 612

MBA 618 Operations Management Research Seminar

3.0 credit hours

Individual research effort in conjunction with a faculty member. The seminar will meet several times during the term for research progress presentations.

Prerequisite: One OPM elective

MBA 619 Special Topics in Operations Management

3.0 credit hours

Advanced or special topics in the analysis, design, operation, and maintenance of manufacturing and service systems. Topics vary.

Prerequisite: Permission of instructor

MBA 622 Advanced Corporate Finance

3.0 credit hours

This course is focused upon interesting corporate finance issues addressing short term financial management, long term capital budgeting, and long term financing choices. The course requires that the students understand these issues through a series of cases and projects. A significant amount of spreadsheet modeling together with both individual and group work will be required to examine the cases and projects.

Prerequisites: MBA 796

MBA 624 Commercial Bank Management

3.0 credit hours

Explores the environment in which banks must operate, the financial statements of banks, and a thorough study of bank management topics, including asset-liability management, the investment portfolio, sources of funds, and the loan portfolio.

Prerequisites: MBA 620A and 620B

MBA 625 Investments and Financial Markets

3.0 credit hours

A study of investment principles and techniques used by both individual and institutional investors. Topics include bond and stock markets, security valuation methods, portfolio theory and management, and investment institutions.

Prerequisites: MBA 620A and MBA 620B

MBA 626 International Financial Management

3.0 credit hours

Integrates the international monetary environment with the multinational business firm and its operations. Analyzes the balance of international payments and exchange rate determination. Specific international financial management topics include export-import financing, foreign direct investment, foreign exchange risk management, financial controls, and international capital budgeting.

Prerequisites: MBA 620A and 620B

MBA 627 Financial Derivates and Risk Management

3.0 credit hours

This course provides a theoretical foundation for the pricing of contingent claims and for designing risk-management strategies. It covers option pricing models, hedging techniques, and trading strategies. It also includes portfolio insurance, value-at-risk measure, multistep binomial trees to value American options, interest rate options, and other exotic options.

Prerequisite: FIN 360 or MBA 625 or MTH 558

MBA 628 Fixed Income Analysis

3.0 credit hours

This class will expose students to a variety of fixed income instruments that are traded in the financial markets, their investment characteristics, the state-of-art technology for valuing them, technique for quantifying their interest rate risk, and portfolio strategies for using them. Great course for CFA candidates, Fund Managers, Credit Risk Managers, Commercial Bankers and anyone interested in investing in fixed income securities as alternatives to stocks.

Prerequisites: MBA 611, MBA 620A MBA 620B

MBA 629 Special Topics in Finance

3.0 credit hours

In-depth application of financial principles to selected areas. Topics vary. Emphasis may be on working capital management, capital budgeting, applied portfolio management, mergers and acquisitions, corporate restructuring, or selected topics.

Prerequisite: Permission of instructor

MBA 632 Services Marketing

3.0 credit hours

The course is designed to focus on marketing opportunities, challenges, methods, strategies, and other aspects of marketing that are unique to services oriented businesses. The course emphasizes the environmental approach to services marketing. The students are introduced to the basic concepts of services marketing. The course material focuses on environment and on the modifications of marketing theory and its applications in the services marketing organizations.

Prerequisite: MBA 630

MBA 633 Sales Management

3.0 credit hours

A study of the basic principles and practices of sales management. Rather than viewing sales management as containing separate functions and activities, (such as staffing, training, motivation), this course views them as having systemic relationships with each other. All functions and activities will be viewed as a dynamic process, composed of numerous interrelated parts; all aimed at helping the organization reach its sales objectives. Analyzes the structure of the sales organization, determination of sales policies, selection, training, and motivation of salesperson, as well as establishing sales territories, and quotas.

Prerequisite: MBA 630

MBA 634 Consumer Behavior

3.0 credit hours

Consumer Behavior is the study of those actions directly involved in obtaining, consuming, and disposing of products and services, including the decision processes that precede and follow these actions. Consumer behavior is of particular interest to those who, for various reasons, desire to influence or change that behavior, including those whose primary concern is marketing, consumer education and protection, and public policy. Consumer behavior is studied within the context of marketing strategy, and market segmentation.

Prerequisite: MBA 630

MBA 635 Market Analysis and Research

3.0 credit hours

The purpose of marketing research is to provide decision makers with useful consumer and customer information to reduce uncertainty about alternative courses of business action, and aid in marketing management decision making and planning. To make the wisest decisions and accomplish the best outcomes, this course focuses on showing decision makers how to effectively use information provided by marketing research.

Prerequisites: MBA 611 and MBA 630

MBA 636 Multicultural Marketing

3.0 credit hours

The course is designed to introduce students to the basic concepts and theories of multicultural marketing. The main goals of this course are for students to acquire a basic understanding of the elements of other cultures, to be aware of cultural differences, and to get students to appreciate the importance of cultural adaptation in the marketing program, especially as they relate to the development of marketing systems.

Prerequisite: MBA 630

MBA 637 Global Marketing Management

3.0 credit hours

Integration of concepts, theories, and analytical procedures associated with market analysis of global markets. This course provides a managerial and strategic perspective on global marketing. It is designed to assist students in developing appropriate business skills and making marketing management decisions in the global context.

Prerequisite: MBA 630

MBA 638 Product Planning and Development

3.0 credit hours

Integration of various product management processes and concepts as customer-focused problem solving. Using projects or simulations, provides an opportunity to practice skills in developing and introducing a new product in a competitive environment. Emphasis on how various techniques can be interpreted to answer questions about performance.

Prerequisite: MBA 630

MBA 639 Special Topics in Marketing

3.0 credit hours

Advanced and current topics in marketing, such as product management, consumer behavior, services marketing, sales, and advertising.

Prerequisite: Permission of instructor

MBA 646 International Trade and Business Applications

3.0 credit hours

This course introduces a comprehensive and up to date exposition of the theories and applications of international trade that are essential for understanding and suggesting solutions to the important contemporary international trade problems facing firms and managers. Topics cover comparative advantage, gains from trade, imperfect competition and international trade, trade and economic growth, trade policies, economic integration, resource movements and multinational corporations.

Prerequisite: MBA 640

MBA 649 Special Topics in Economics

3.0 credit hours

Advanced and current topics in economics. Topics vary.

Prerequisite: Permission of instructor

MBA 652 Social Responsibility and Ethical Dimensions of Management 3.0 credit hours

Study of ethical responsibility in the business setting. Topics include the relationship of management to society, ethical issues in management, the virtues of leaders, strategic management for social responsiveness, management styles in the global marketplace, and the stakeholder management concept.

Prerequisite: MBA 670

MBA 653 Corporate Issues and Survey Practicum 3.0 credit hours

An overview of management concepts, principles, and functionality as practiced by major corporations. Each student has the opportunity to develop an innovative alternative to a current issue related to corporate finance, marketing, and/or management. Includes presentations by a team of corporate executives.

Prerequisite: Completion of all foundation courses

MBA 656 International Culture and Management (Study abroad) 3.0 credit hours

Study of international culture and business operations. This course will typically include a week or more of study outside of the U.S. that will include lectures and relevant site visits. In addition to normal tuition, there will be travel and other expenses. Locations, countries, and topics may vary.

Prerequisite: Completion of all foundation courses or permission of faculty member

MBA 659 Special Topics - Organizations and their Environments 3.0 credit hours

Advanced and current topics in organizations and their environments. Topics vary.

Prerequisite: Permission of instructor

MBA 661 E-Commerce 3.0 credit hours

This course provides an understanding of the information technologies that enable business-to-business and business-to-consumer electronic commerce while focusing on the strategic, operational, management, and societal issues associated with such technology-based commerce. Business cases, experiential exercises, and guest speakers are utilized. This is a required course for the Technology-Enhanced Business/E-Commerce (TEB) concentration.

Prerequisite: MBA 660

MBA 662A Security Management for Information Systems (Unclassified) 3.0 credit hours

Addresses issues relevant to creating and managing a systematic security process in organizations. Information security policy, assets, physical and logical information resource security, business continuity, and compliance with relevant security standards are covered.

Prerequisite: MBA 660 or equivalent

MBA 662B Managing Telecommunication and Networking Sys. (Classified) 3.0 credit hours

Introduction to management of computer-based communication networks. Includes underlying concepts; basic hardware components and operating systems; network architectures and protocols; data integrity and security; message routing; and network resource management.

Prerequisites: MBA 662A or instructor permission; U.S. Department of Defense Interim Secret Clearance or higher

MBA 662C Managing Internet Security (Classified) 3.0 credit hours

This course provides managers with an understanding of both defensive and offensive issues surrounding the security of computer-based information networks. The course includes instruction on theory about information security, psychological operations, hacking, viruses, and network systems management, and security for e-commerce on the Internet.

Prerequisites: MBA 662B; U.S. Department of Defense Interim Secret Clearance or higher.

MBA 663 Management of Information Resources 3.0 credit hours

Study of the strategic and management issues associated with the effective organizational use of information technology. Role of the chief information officer; strategic planning, impacts and alliances; information technology assimilation; information technology architectures, functional organization, and operational control; information systems project management. Cases and readings.

Prerequisite: MBA 660; and MBA 794 is recommended

MBA 664 Database Management

3.0 credit hours

Introduction to databases and their management. File organization and data structures; database management systems; major data models; conceptual, logical, and physical database design; data definition and manipulation with SQL; data administration; and client/server and distributed databases. SQL-based software tool for database project.

Prerequisite: MBA 660

MBA 665 Systems Analysis and Design

3.0 credit hours

Introduction to object-oriented concepts and techniques for analyzing and designing systems. Activities performed and models created during the different phases of the development life cycle. Systems development project using a CASE tool.

Prerequisites: MBA 660 and MBA 664

MBA 667A Business Intelligence

3.0 credit hours

This course is about developing a program for Business Intelligence in an organization. Will cover the framework, concepts, methods, people skills, and technologies necessary for making effective decisions fast. Also addresses issues from the capture of facts to the delivery of information and decision support systems, including data quality, data warehousing, business intelligence success factors and impact on organizations, business performance management (dashboards and scorecards), multi-dimensional data analysis and online analytic processing, data visualization, and applications of Business Intelligence.

Prerequisites: MBA 611, MBA 660 and some SQL query language

MBA 667B Data Warehousing

3.0 credit hours

This course will emphasize the purpose, design, implementation, and effective use of data warehouses and data warehousing technologies. Various schemas for the design of a data warehouse, modeling time in a data warehouse, data quality management for building a data warehouse from operational data stores and legacy applications, and technologies to populate and retrieve information from data warehouses will be covered. Related topics of data marts, analytical processing, data mining, and active data warehousing will also be addressed.

Prerequisites: MBA 660 and MBA 664 or database management coursework or relevant database management experience

MBA 668 Advanced Web Site Development

3.0 credit hours

This course covers issues involved in developing Web sites for business usage. Issues covered or investigated include: site layout, implementation and management, good site design practices, connecting Web sites to company data, and processing secure transactions across the Web.

Prerequisites: HTML and a high-level programming language or instructor's permission

MBA 669 Special Topics in Management Information Systems

3.0 credit hours

Advanced and current topics in management information systems. Topics vary.

Prerequisite: Permission of instructor

MBA 676 International Management

3.0 credit hours

This course focuses on international aspects of organizational behavior, human resource management, labor relations, corporate strategy, and ethical issues. This course revolves around three objectives: examining the applicability of theory and research in the international management area; surveying topical issues in international management; and developing students' international management skills.

Prerequisite: MBA 670

MBA 679 Special Topics in Management and Entrepreneurship

3.0 credit hours

Analysis and interpretation of research studies as applied to management and entrepreneurship. Coverage of issues such as leadership, interpersonal conflict resolution, competitive analysis, new venture issues, resistance to change, managerial development, organizational growth, effects of technology, and emergence of new control systems. Role playing, small group exercises and applications.

Prerequisite: Permission of instructor

MBA 680 Entrepreneurship and the Family Firm

3.0 credit hours

Covers phases in the life span of the owner-managed enterprise and ending with succession to a next generation of management through any of a variety of means. Major topic areas include startup issues, business planning, financing, marketing, managing the growing firm, and succession in a family business context.

Prerequisite: Completion of all foundation courses

MBA 682 New Venture Management

3.0 credit hours

A study of entrepreneurship and development of opportunities in new or renewed businesses. Focus is on identifying and analyzing business opportunities, locating and obtaining venture capital, developing a business plan, managing growth in the enterprise, and the decision-making, risk-taking, and leadership styles of entrepreneurs.

Prerequisites: MBA 620A, MBA 620B and MBA 630

MBA 684 Competitive Analysis

3.0 credit hours

An in-depth exposure to the theory and tools of competitive analysis and provide practice in their application. Learn to use various models and analysis tools for interpreting tactical and strategic implications of evolutionary and revolutionary shifts in competitive environments, including entrepreneurial and international situations.

No Prerequisite

MBA 695 Individual Research

1-6 credit hours

Individual research in subjects encompassed by the MBA curriculum under the guidance and direction of a faculty member. Research may be undertaken on completion of 12 hours of post-foundation coursework. A formal proposal must be completed and approved by the faculty advisor and the MBA Director prior to registration.

Prerequisites: Permission of faculty advisor and MBA Director