BUSINESS ADMINISTRATION (BUS)

BUS500. Excel Tutorial. 0 Credits.

Non-credit competency exam and tutorial demonstration ability to carry out required Excel functions.

Restrictions:

- Must be enrolled in the following class: Graduate

May not be repeated for credit

BUS501. Financial Accounting. 3 Credits.

This course introduces MBA students to the accounting information system and to the financial statements prepared for external users. Topics include the accounting cycle, the preparation and evaluation of financial statements, concepts of revenue and expense recognition, and the valuation of asset, liability and equity accounts.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)
  - Public Accountancy (262)

May not be repeated for credit

BUS502. Internship & Career Practicum. 1 Credit.

Coverage of topics that prepare students for internships and their career, including identifying prospective employers, writing an effective resume, networking, interviewing skills, ethics, and corporate culture.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)
  - Public Accountancy (262)

May not be repeated for credit

BUS503. Management. 3 Credits.

This course is designed to provide graduate-level business students with exposure to (1) the evolution of management thought, (2) the four functions of management, (3) various theories and empirically derived principles, and (4) contemporary issues related to process and practice. Students will engage in problem-solving through individual and team-based business case analyses and research projects.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

May not be repeated for credit

BUS505. Marketing. 3 Credits.

This course is an introduction to the principles and practice of marketing. A major part of the course involves a review of the four elements of the marketing mix: product, price, place, and promotion. The course provides the knowledge and skills that students need for taking the marketing management course.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

May not be repeated for credit

BUS507. Managerial Finance. 3 Credits.

This course conveys major issues facing a financial manager: financial statement analysis, discounted cash flow analysis, time value of money, the risk-return tradeoff, and the valuation of financial assets. This course also examines capital budgeting, financial planning, asset management, cost of capital, long-term financing through debt and equity, and multinational financial management.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

Prerequisites:

- BUS501 Minimum Grade of D-
- BUS515 Minimum Grade of D-
- BUS509 Minimum Grade of D-

May not be repeated for credit

BUS508. Financial Statement Analysis. 3 Credits.

Students will learn about the principles and standards of financial accounting, and then prepare, interpret, analyze corporate financial statements.

Restrictions:

- Must be enrolled in the following class: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

May not be repeated for credit

BUS509. Statistics Analysis & Decision Theory. 3 Credits.

This course is an introduction to probability and statistics. Main goal is to teach students how to apply various statistical concepts to decision making under uncertainty. After this course, students should be able to analyze data and relationships among variables using both descriptive and inferential statistics, and to evaluate and update decision alternatives so that they can find solutions to real life business problems.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

Prerequisites:

- Math Placement Level Minimum Score of 5 or Math Placement Level Minimum Score of 4
- MAT171 Minimum Grade of C-

May not be repeated for credit

BUS511. Accounting for Management Decisions. 3 Credits.

Using accounting information to achieve management objectives. Topics include budgeting, cost behavior and costing systems, relevant information and decision-making, performance analysis, control systems and responsibility accounting. (This course is only for general MBA students, not CPA track MBA students.)

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Business Administration (261)

Prerequisites:

- BUS201 Minimum Grade of B or BUS508 Minimum Grade of B-

May not be repeated for credit

BUS515. Business Economics for Managers. 3 Credits.

The course is designed to provide a strong foundation in microeconomic theory for managerial and decision making. It emphasizes the "economic way of thinking" about real-world business/management curriculum such as finance, cost accounting, marketing, business strategy and quantitative analysis. The goal is to reinforce what students have learned in other courses and provide a foundation for future course work and beyond.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

Prerequisites:

- Math Placement Level Minimum Score of 3 or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

BUS516. Theory of Financial Accounting I. 3 Credits.

This course expands upon coverage of financial accounting and reporting for business entities after the introductory course Financial Accounting (or its equivalent). Topics include special financial statement disclosures as well as accounting for current assets, long-term investments, long-lived assets including intangibles.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Accounting (264)

May not be repeated for credit

BUS517. Cost Analysis. 3 Credits.

Development and use of quantitative information for management decision-making. Topics include cost accumulation and control, job order and process cost systems, standard costs and variance analysis, and performance evaluation.

Restrictions:

- Must have the following level: Graduate

May not be repeated for credit

BUS518. Concepts in Federal Income Taxation. 3 Credits.

Introduction to principles underlying the US federal income tax system. Emphasis on individual income taxation with some coverage of corporate and partnership taxation.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Accounting (264)

May not be repeated for credit

BUS520. Managing Operations and Information Technology. 3 Credits.

Focuses on the integration of information and operations strategies to enhance competitive advantage. Topics include global supply chain management, enterprise resource planning, artificial intelligence, cloud computing, information security, and their legal and social impacts.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (264)
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS521. Arts and Entertainment Law. 3 Credits.

Evolving legal issues facing artists and entertainers, as well as the industry of managing artists and entertainers. Addresses key legal aspects of intellectual property rights, contracts, negotiation strategies, financing, torts, employment law, general business law, challenges of being a freelance artist, litigation, and the impact of digital distribution channels of creative works.

Restrictions:

- Must have the following level: Graduate

May not be repeated for credit

BUS522. Theory of Financial Accounting II. 3 Credits.

This course is a continued coverage of financial accounting and reporting for business entities after Theory of Financial Accounting II. Topics include accounting for liabilities and shareholders' equity, income taxes, financial instruments, accounting changes and error corrections, the statement of cash flows, and additional topics of current interest.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS516 Minimum Grade of C-

May not be repeated for credit

BUS525. Quantitative Methods for Business Research. 3 Credits.

Focuses on developing analytical skills mainly formulating problems, collecting data and interpreting the results using quantitative methods such as statistics and/or optimization tools.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS509 Minimum Grade of B-

May not be repeated for credit

BUS526. Managing in a Global Environment. 3 Credits.

Critical analysis of issues facing firms in a dynamic global environment. Discussion of external factors, such as country institutional differences, and internal factors, including strategic and managerial issues, faced by international businesses.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS528. Marketing Management. 3 Credits.

Application of applying key marketing concepts for making effective marketing decisions about products, pricing, promotion, and distribution, given a firm's goals, abilities, customers and competitors.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS529. Accounting - Financial Reporting and Control. 3 Credits.

Development and use of financial reports in a global economy. Topics include setting accounting standards, the content of financial statements, accounting for assets and liabilities, ethical issues in accounting, and current topics facing the profession.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS535. Financial Markets and Institutions. 3 Credits.

The role of financial markets and institutions in the capital formation process Topics covered include financial systems and the economy, debt and equity markets, depository institutions, non-depository financial institutions, financial derivative markets, and risk management.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS536 Minimum Grade of D-

May not be repeated for credit

BUS536. Corporate Financial Management. 3 Credits.

The role of financial management in business decisions, the relationship between finance and other corporate functions, and quantitative techniques used for analysis. Topics include cash flow analysis, valuation, risk and return, investing and financing decisions, costs of capital, and capital structure.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS508 Minimum Grade of B-

May not be repeated for credit

BUS537. Options and Futures. 3 Credits.

Futures and options, derivatives markets, and their role in risk management and portfolio strategy. Topics include types of futures, pricing models and hedging strategies.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS536 Minimum Grade of C

May not be repeated for credit

BUS538. Investments. 3 Credits.

Theoretical and applied study of investment fundamentals and portfolio management. Topics include markets, trading, risk and return, valuation, portfolio theories, alternative investment instruments, global investing, and current developments.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS508 Minimum Grade of B-

May not be repeated for credit

BUS539. Personal Financial Planning Principles and Applications. 3 Credits.

Management of personal finances and investments. Topics include monitoring household wealth, personal financial planning, managing liquidity and credit, financing a home, using insurance, retirement and estate planning, and investing. Students prepare a personal financial plan.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS508 Minimum Grade of B-

May not be repeated for credit

BUS541. Music Artist Management. 3 Credits.

Artist management explores the music business through the lens of artist/talent management and focuses on the study of concepts and skills relating to entrepreneurship and entertainment trends in the contemporary music business industry.

Restrictions:

- Must have the following level: Graduate

May not be repeated for credit

BUS542. Auditing and Assurance. 3 Credits.

Introduction to the attest function and the independent auditor's role in society, with a focus on audit concepts and tools, including computerized auditing and use of Audit Data Analytics.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Accounting (264)

Prerequisites:

- BUS522 Minimum Grade of C-

May not be repeated for credit

BUS544. Health Care Finance. 3 Credits.

Financial management concepts and techniques for the health care industry. Topics include the regulatory environment, costs and revenues, accounting reports and budgets, financial statement analysis, and capital planning.

Attributes:

- Professional Technical

Restrictions:

- Must have the following level: Graduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS508 Minimum Grade of B-

May not be repeated for credit

BUS546. Multinational Finance. 3 Credits.

Analysis of key financial decisions within the global framework. Topics include international financial markets, exchange rate behavior and management of its risk, international banking, multinational financial management, and multinational strategic planning.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS508 Minimum Grade of B-

May not be repeated for credit

BUS547. International Marketing. 3 Credits.

Discussion of Marketing opportunities in a globally competitive environment. Topics include profiling international segments, international consumer behavior, and the role of cross-culturalism in the development of marketing strategies.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS528 Minimum Grade of C

May not be repeated for credit

BUS548. International Accounting. 3 Credits.

This course examines accounting principles, and emphasizes accounting research, from an international perspective. Topics include comparative reporting practices, harmonization of accounting standards, accounting for international transactions and subsidiaries, management accounting issues, and accounting for changing prices with an emphasis on accounting research techniques.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS549. Global Virtual Teams. 3 Credits.

Students complete an international business-oriented consulting project for a company in global virtual teams. Culture, cross-cultural communication, and managing global virtual teams are topics covered in class. Discussion, reflection, and personalized feedback relate to working effectively in global virtual teams.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS325 Minimum Grade of C- or BUS528 Minimum Grade of C-
- BUS346 Minimum Grade of C- or BUS526 Minimum Grade of C-

May not be repeated for credit

BUS555. Marketing Research. 3 Credits.

Examination of the research process used in marketing decision-making. Methodology for conducting marketing research for product development, pricing, and channel selection, and the analysis of results.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS528 Minimum Grade of D-

May not be repeated for credit

BUS557. Integrated Marketing Communications. 3 Credits.

Development and implementation of integrated marketing communications programs. Topics include the communication process, budget determination, strategic brand management, internet marketing and issues of monitoring, evaluation, and control.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS528 Minimum Grade of C

May not be repeated for credit

BUS558. Consumer Behavior for Marketing Strategy. 3 Credits.

Study of consumer behavior using social science concepts. Topics include buyer decision making, product and service choice, consumer attitudes and motivation, and shopping behavior.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS528 Minimum Grade of C

May not be repeated for credit

BUS561. Healthcare Policy. 3 Credits.

Explores US heath care policy, economics and reform. Compares US healthcare policy to policies in other countries. Focuses on major health policy institutions and issues, including private insurance and state/federal programs. Attention is given to cost and quality or healthcare programs.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS562. Healthcare Management and Leadership. 3 Credits.

Managerial and analytical competencies to assess regulatory, legal, organizational, and financial issues and to ensure quality healthcare services delivered to patients and other stakeholders. Emphasizes healthcare executive's role in setting strategy, building a strong management team, and empowering the workforce.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS563. Strategic Sustainability Management. 3 Credits.

Analysis of environmental and social sustainability in a business context through case studies and a semester-long project.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS564. Staffing Organizations. 3 Credits.

Coverage of the staffing process. Topics include human resource planning, recruitment, selection, measurement in selection, legal issues in staffing, job analysis, decision making, and retention management.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS567 Minimum Grade of D-

May not be repeated for credit

BUS565. Training and Development. 3 Credits.

Coverage of the process of training and development. Topics include needs analysis of organizational objectives, strategies for designing training and development programs, and the evaluation of training programs.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS566. Organizational Change and Development. 3 Credits.

Understanding and managing organizational change in a turbulent environment. Topics include action learning, the collaborative inquiry process, methodologies for implementing change interventions, and models of change and development.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS567. Managing Human Capital. 3 Credits.

Theory, research, and applications in major areas of human resource management. Topics include human resource strategy, recruitment, selection, development, training, compensation, performance appraisal, retention, leadership, and legal issues in human resources.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS568. Individual and Group Behavior Analysis. 3 Credits.

Study of classic and contemporary theories in micro organizational behavior. Topics include perception, personality, attitudes, motivation, leadership, communication, group dynamics, decision making, power, influence, and organizational change.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS569. Leadership and Management in a Changing World. 3 Credits.

Study of theory and applications in the field of leadership as it relates to business. Topics include leadership traits and behaviors, power and influence, situational and contingency leadership, ethics and values in leadership, motivation, and team leadership.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS570. Entrepreneurship in Music/Art. 3 Credits.

Provides students with the core knowledge and foundation to plan, finance, develop, launch and grow a music or arts organization. Focus is on entrepreneurial approaches to building a music business and long-term career.

Restrictions:

- Must have the following level: Graduate

May not be repeated for credit

BUS571. Management Information Systems (MIS). 3 Credits.

This course is intended to provide students in the MBA program with a firm grasp of the function of computer-based information systems in modern business organizations. Students should come away with a working knowledge of which information systems are best suited to a given company. Emphasis is placed on technical concepts fundamental to business applications and management of information systems.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS572. Electronic Commerce and Management. 3 Credits.

This course is designed to help students understand the impact electronic commerce can have and is having on different aspects of business. The course will first examine and define trends in electronic commerce. Next, the impact electronic commerce has on several business functions, from marketing to operations, will be discussed. Once this foundation has been established, it will be possible to involve the students in applied projects, and look at where electronic commerce can still produce larger changes and improvements.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS573. Management Science. 3 Credits.

Covers mathematical programming, graphs and networks, stochastic processes, queuing theory and simulations. In addition to introducing basic theories, emphases will be put on formulations of business problems and interpretations of the output generated by computer software.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS525 Minimum Grade of C

May not be repeated for credit

BUS575. Linear Models. 3 Credits.

Topics include simple linear regression, multiple regression, generalized linear models, graphical analysis of model adequacy, violations of assumptions, and alternative to least squares.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS509 Minimum Grade of B-

May not be repeated for credit

BUS576. Design of Experiments and Quality Control. 3 Credits.

Experiments are designed to identify key sources of variability in manufacturing, consumer behavior, organizational behavior, and other variables of interest to managers. Once identified, this variability can be monitored and controlled thereby improving output and reducing risk. Topics include hypothesis testing, Shewhart Charts, Cumsum Charts, randomized block designs, factorial experiments, and fractional designs.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS525 Minimum Grade of C

May not be repeated for credit

BUS577. Knowledge Management Yearly. 3 Credits.

This course is designed to address the importance of knowledge management in today's knowledge economy where knowledge is considered as the most important resource. At strategic levels, the course examines the competitive advantages an organization obtained from its knowledge processing capability and capacity. At operational levels, it introduces various knowledge systems. Design and implementation issues of those systems are addressed using hand-on projects.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS571 Minimum Grade of C

May not be repeated for credit

BUS579. Business Intelligence. 3 Credits.

This course examines the recent development in Business Intelligent Systems, including On-Line Analytical Processing, Data Mining, and Customer Relationship Management. It introduces the need of a data warehouse as the foundation for an intelligent system followed by discussions of the unique goal and design of each intelligent system. The course also addresses the role and impact of business intelligence in an organization's decision-making processes. Practical projects and computer software are used to enhance students' experience in business intelligence systems.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS571 Minimum Grade of C

May not be repeated for credit

BUS580. Project Management for MBAs. 3 Credits.

This course will introduce the operational, design, personnel, budget, and communication issues involved in managing projects. course objectives will be met through lectures, in-class exercises, team projects, and homework. Students' experience will enrich discussions.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS581. Accounting Information Systems. 3 Credits.

Study of the main ideas and fundamental technology underlying the development, implementation, and use of modern Accounting Information Systems (AIS), and the relationship of AIS to business processes and internal controls. The use of software packages for processing accounting information.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (264)
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS201 Minimum Grade of B or BUS508 Minimum Grade of B-

May not be repeated for credit

BUS582. Governmental and Not-for-Profit Accounting. 3 Credits.

Introduces the unique accounting principles and reporting requirements of governmental and not-for-profit entities. It emphasizes fund accounting concepts used by governments and explores financial reporting and performance evaluation for nonprofits such as hospitals, universities, and charities.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS202 Minimum Grade of C-

May not be repeated for credit

BUS583. Advanced Auditing. 3 Credits.

Detailed coverage of legal liability and professional responsibilities. Topics include statistical sampling, analytical review procedures, fraud detection, and computer auditing.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (264)
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS375 Minimum Grade of D-

May not be repeated for credit

BUS585. Accounting Theory. 3 Credits.

Financial accounting concepts, theory, and practice. Topics include recognition and measurement of assets and liabilities, accounting for leases, postretirement benefits, income taxes, and recent changes in accounting standards.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (264)
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS369 Minimum Grade of D-

May not be repeated for credit

BUS586. Advanced Concepts in Federal Income Taxation. 3 Credits.

Tax issues related to various taxable entities, including corporations and partnerships. Emphasis on tax planning and tax research.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (264)
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS371 Minimum Grade of D-

May not be repeated for credit

BUS587. Entrepreneurship and Business Planning. 3 Credits.

This course will focus on the skills needed to start a business. Topics include identifying markets, developing business plans, and financing operations. working in teams, students create business plans and may present them to a team of judges.

Restrictions:

- Must be enrolled in the following class: Graduate

May not be repeated for credit

BUS588. Applied Research Project in Business. 3 Credits.

Preparation and writing of an applied research project in the concentration area under the guidance of the major professor. Required form available in the Records and Registration Office and the Office of the Department of Business Administration. Contact faculty advisor for further details.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May be repeated for credit

BUS589. Cases in Strategy and Business Policy. 3 Credits.

Case studies and readings are used to build expertise in strategy formulation and implementation. This capstone experience integrates knowledge and concepts introduced throughout the program. Emphasis on application of conceptual, analytical, communication, and team-work skills.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

Prerequisites:

- BUS526 Minimum Grade of C
- BUS528 Minimum Grade of C

May not be repeated for credit

BUS590. Thesis or Current Topic Seminar. 3-6 Credits.

Preparation and writing of a thesis in the concentration area under the guidance of the major professor. Two additional readers are required to approve the final thesis. Required form available in the Records and Registration Office and the Office of the Department of Business Administration. Contact faculty advisor for further details.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May not be repeated for credit

BUS593. Business Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May be repeated for credit

BUS594. Fieldwork in Business. 1-12 Credits.

Supervised experience in a business environment.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May be repeated for credit

BUS595. Indep Study Business. 1-12 Credits.

Supervised study and research.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)

May be repeated for credit

BUS601. Python Programming for Analytics. 3 Credits.

This course introduces Python as a primary programming language for analytics. It includes the basic Python syntax of data and type definition, selection statements, loops, function, and collections. It also introduces the important Python packages for data analytics, such as NumPy and Pandas, and the Python data analytics platform.

Restrictions:

- Must have the following level: Graduate

May not be repeated for credit

BUS611. Advanced Statistics for Business Analytics. 3 Credits.

This course covers advanced topics in statistics that are related to business analytics. The topics include linear regressions, polynomial regression, rigid regression, logistic regression, probit models, evaluation of classification models, ordinal & multinomial logit regression.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS509 Minimum Grade of C-
- BUS601 Minimum Grade of C-

May not be repeated for credit

BUS612. Data Wrangling and Visualization. 3 Credits.

Data wrangling is to transform data from one or multiple "raw" formats/sources into the appropriate and valuable one for a variety of downstream purposes, such as data analytics or data modeling. This course helps students to use analytics tools, such as Python, to clean data, explore data, and visualize data.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS509 Minimum Grade of B-
- BUS601 Minimum Grade of B-

May not be repeated for credit

BUS615. Data Warehousing and Big Data. 3 Credits.

This course provides students with an in-depth understanding of the design and implementation of database warehousing for big data. It includes data warehouse modeling, manipulation, storage, and analysis; large-scale distributed data processing, such as Hadoop/Spark; large-scale NoSQL databases.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS509 Minimum Grade of B-
- BUS601 Minimum Grade of B-

May not be repeated for credit

BUS616. Forensic Accounting. 3 Credits.

This course is designed to apply financial accounting and auditing knowledge to build skills in detecting, investigating, and preventing fraud. Students will learn fundamental concepts, principles, procedures, and methods in forensic and investigative accounting.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (264)
  - Business Analytics (263)

May not be repeated for credit

BUS617. Accounting Data Analytics. 3 Credits.

The course covers the analysis and preparation of data as it pertains to accounting professionals. The focuses include analytic techniques for business intelligence and the examination of “big data” involving accounting information.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (264)
  - Business Analytics (263)

May not be repeated for credit

BUS618. Spreadsheet for Business Analytics. 3 Credits.

This course provides the introduction to descriptive, predictive, and prescriptive analytics through the spreadsheet modeling approach. The main topics cover the basic and advanced skills working with Excel/VBA, regression analysis, forecasting, and optimizations with spreadsheet modeling.

Restrictions:

- Must have the following level: Graduate

May not be repeated for credit

BUS621. Text Analytics. 3 Credits.

Text analytics is the automated process of extracting meaning from unstructured text data (including the Web) to uncover insights, trends, and patterns for supporting decisions in business. This course will introduce the basic text analytics topics, including text representation, document representation, topic classification, topic clustering, sentiment analytics, and so on.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS611 Minimum Grade of B-
- BUS612 Minimum Grade of B-

May not be repeated for credit

BUS622. Sport Analytics. 3 Credits.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS611 Minimum Grade of C-
- BUS612 Minimum Grade of C-

May not be repeated for credit

BUS626. Advanced Healthcare Analytics. 3 Credits.

This course teaches the use of healthcare data to make decisions and transform healthcare delivery to improve the health of individuals and populations through research in healthcare outcome and experimental designs. This course covers topics include statistical approaches, data mining, data visualization, modeling, and forecasting. Software, applications, and methodologies for health data analytics will be introduced.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS611 Minimum Grade of C- or BUS525 Minimum Grade of C-

May not be repeated for credit

BUS631. Machine Learning. 3 Credits.

This course prepares students to effectively analyze data and improve prediction performance using machine learning approaches, and distillate useful information from a large amount of data to support managerial decision-making processes. This course covers machine learning tasks, models, algorithms, and applications.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS611 Minimum Grade of C-
- BUS612 Minimum Grade of C-

May not be repeated for credit

BUS632. Data Mining. 3 Credits.

This course will introduce basic concepts and tasks of data mining. It focuses on how to formally represent real world information as basic data types (item sets, matrices, and sequences) that facilitate downstream analytics tasks. Students will learn how to characterize each type of data through pattern extraction and similarity measures.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS611 Minimum Grade of C-
- BUS612 Minimum Grade of C-

May not be repeated for credit

BUS638. Deep Learning. 3 Credits.

Deep learning is a branch of machine learning concerned with the development and application of modern neural networks. Deep learning algorithms extract layered high-level representations of data in a way that maximizes performance on a given task. It covers a range of topics from basic neural networks, convolutional and recurrent network structures, deep unsupervised and reinforcement learning, and applications to problem domains like speech recognition and computer vision.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS611 Minimum Grade of C-
- BUS612 Minimum Grade of C-

May not be repeated for credit

BUS641. Social Network and Web Analytics. 3 Credits.

Students will investigate how digital analytics can take a greater role in business decision-making. Specifically, students will gain an understanding of the strategic and operational aspects of social network and Web analytics tools and technologies, of how these tools can influence and create new marketing levers, and of how new marketing levers impact customer relationships, brand response, and sales.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS611 Minimum Grade of C-
- BUS612 Minimum Grade of C-

May not be repeated for credit

BUS642. Time Series and Forecasting. 3 Credits.

This class offers an introduction to time series methods from both a theoretical and applied perspective. Students will learn the theory of stationary and non-stationary processes and how this theory applies to techniques for estimation and forecasting based using time series data.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS631 Minimum Grade of C-

May not be repeated for credit

BUS643. Customer Analytics. 3 Credits.

This course introduces the analytical process of learning, transforming, and analyzing customer behavior related data to understand the current pattern, predict future behavior, and prescribe actions for improving services and expanding business opportunities. Topics covered include descriptive, predictive, and prescriptive analytics based on browsing history, shopping cart, customer review, and transaction records to help making informed business decisions.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS621 Minimum Grade of C-
- BUS631 Minimum Grade of C-

May not be repeated for credit

BUS648. Natural Language Processing. 3 Credits.

Natural language processing (NLP) is a subfield of artificial intelligence, which is focused on programing computers to "understand" human languages. The goal of this course is to build students' knowledge and skills in using state-of-the-art NLP technologies to analyze large amounts of natural language data.

Restrictions:

- Must have the following level: Graduate

Prerequisites:

- BUS621 Minimum Grade of C-
- BUS638 Minimum Grade of C-

May not be repeated for credit

BUS795. Independent Study Business. 1-12 Credits.

May be repeated for credit

BUS799. Continued Registration. 1 Credit.

Restrictions:

- Must have the following level: Graduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- - Business Administration (261)
  - Public Accountancy (262)

May be repeated for credit