Courses

BADM 205 Business Location Decisions credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/205)
Same as GEOG 205. See GEOG 205.

BADM 210 Business Analytics I credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/210)
An introduction to basic knowledge of statistics, distributions, and linear regressions in a business setting. Students will be able to perform and understand the use of basic statistical methods in generating inferences and modeling including hypothesis testing and multivariate regression. The course will introduce the concepts of a data life cycle, data visualization, and data summarization. Students will learn how to identify, describe and frame business opportunities through evidence-based storytelling and hands-on learning using spreadsheets and data visualization tools. Prerequisite: Sophomore standing and CS 105 or equivalent.

BADM 211 Business Analytics II credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/211)
This course builds on the foundation from the Business Analytics I (BADM 210), synthesizes concepts through hands-on application and project-based learning. Focuses on data acquisition, organization, analysis and visualization in a business setting. Expanding on the use of statistics in generating basic inferences to predictive modeling. Identify opportunities for improving business decisions using data, conduct relevant analysis of the gathered and cleaned data, and finally, interpret and present analysis outcomes to decision makers. Using statistical tools and software applications to identify business problems, acquire relevant data, and generate analytic solutions using advanced analytics techniques and tools for generating insights. Introduces the students to analyzing, learning, and prediction using advanced analytics techniques and tools for generating business insights. This course will provide a practical introduction to various techniques regarding clustering, text mining, classification and decision trees, and time series analysis. Finally, the course will introduce advanced and emerging topics in predictive analytics. Prerequisite: Sophomore standing; BADM 210.

BADM 261 Technology & Mgmt Seminar credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/BADM/261)
Current topics in technology and management presented by senior executives from a wide range of industries. Executives discuss challenges they confront and approaches taken in execution of their respective businesses. Format encourages dialogue and discussions between executives and students. Same as ENG 261. Credit is not given toward technical electives in the College of Engineering nor business electives in the College of Business, nor toward the T&M Minor.

BADM 275 Fundamentals of Operations Management credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/275)
Operations Management is about developing, producing, and delivering goods and services that meet and exceed customer expectations. In this course, students will be introduced to decision making frameworks and techniques for effectively and efficiently managing operations through coordinated efforts across different organizations in a supply chain and across multiple areas within an organization. These multiple areas could be consumer analytics, research and development, finance, engineering, marketing, human resource management, sourcing, information systems, logistics, and accounting.

BADM 300 The Legal Environment of Business credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/300)
Introduction to law and the legal system, litigation, contracts, business organizations, intellectual property, employment law and governmental regulation of business.

BADM 301 Summary of Business Law credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/301)
Basic principles of the private law of business including the law of contracts, agency, and business organizations; a brief introduction to the law of sales, negotiable instruments, security devices, and property. Credit is not given for both BADM 301 and BADM 403. Course is not open to students in the College of Business.

BADM 303 Principles of Public Policy credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/303)
Same as ACCY 321, ACE 321, and PS 321. See PS 321.

BADM 310 Mgmt and Organizational Beh credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/310)
General analysis of management and organizational behavior from a systems point of view, including classical organizational theory and management, organizational behavior, and management science; environmental forces; planning, organizing, and control processes; motivation, incentives, leadership, communication, and interpersonal relations; and discussion of production and decision-making and mathematical models.

BADM 311 Leading Individuals and Teams credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/311)
Understanding the behavior of employees in work organizations; particular attention to the motivation of individuals to join and perform in organizations and to employee satisfaction with elements of the work environment; and emphasis on various management strategies to modify employee motivation and satisfaction. Prerequisite: BADM 310.

BADM 312 Designing and Managing Orgs credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/312)
Understanding of complex organizations; particular attention to ways of dividing work, achieving coordination, and issues connected with change and adaptation. Prerequisite: BADM 310.

BADM 313 Strategic Human Resource Management credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/313)
Studies concepts and methods used by the staff personnel unit in building and maintaining an effective work force in an industrial organization; development of ability to design the personnel subsystem within the firm and to deal effectively with problems encountered in such areas as recruitment, selection, training, and wage and salary administration; and considerable emphasis on case analysis, role playing, and research. Credit is not given for both BADM 313 and PSYC 245. Prerequisite: BADM 310.
BADM 314  Leading Negotiations  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/314)
Aims to advance students' ability to negotiate formal and informal business agreements and resolve conflicts effectively. Because leaders depend on others to accomplish goals, leaders need to be skilled negotiators to generate solutions that are acceptable, valuable, and able to be implemented. Students will engage in a series of negotiations that provide practice and impart a framework for planning for, conducting, and analyzing negotiations. Restricted to College of Business students and Business Minor students. Restricted to students with Junior or Senior class standing.

BADM 320  Principles of Marketing  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/320)
Emphasizes the concepts of planning, organization, control, and decision making as they are applied in the management of the marketing function. Provides an overview of aspects of the marketing discipline.

BADM 321  Principles of Retailing  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/321)
Gives a general analysis of the structure of retailing emphasizing the retailing environment and operating efficiencies; includes patronage behavior, merchandise control, pricing, promotion, location, and vendor relations; and gives special attention to emerging trends in retailing. Prerequisite: BADM 320.

BADM 322  Marketing Research  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/322)
Focuses on the techniques and methods of marketing research; emphasizes primarily survey research and experimental design; and offers students the opportunity to apply techniques to real-world situations. Additional fees may apply. See Class Schedule. Prerequisite: BADM 320.

BADM 323  Marketing Communications  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/323)
Introduces the student to the topic of marketing communications and promotion management. Topics covered include: advertising, sales promotion, point-of-purchase communications, interactive marketing, and event sponsorships. Prerequisite: BADM 320.

BADM 324  Purchasing and Supply Mgmt  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/324)
Examines the analysis, planning, and forms of organization that are associated with the buying functions in business. Major focus on the principal issues involved in the procurement of raw materials, components, equipment, operating supplies, and services. Also treats the unique aspects of institutional and government purchasing. Case problems constitute a major vehicle of instruction. Prerequisite: Credit or concurrent enrollment in BADM 320.

BADM 325  Consumer Behavior  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/325)
Studies the factors affecting consumer behavior in household and organizational markets and their relevance for marketing management planning and analysis; provides an overview of explanations of consumption differences anchored in socioeconomic, demographic, cultural, and psychological processes; and surveys buyer decision-making processes and their implications for marketing strategy. Prerequisite: BADM 320.

BADM 326  Pricing Strategy  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/326)
The role of pricing in contemporary marketing and major pricing decisions facing the firm; theoretical, economic, and practical methods and models for setting prices; pricing new products, initiating price changes, and responding to competitive pricing; the relationship of pricing objectives and strategies to the goals of the firm; and sealed bidding for contracts. Prerequisite: BADM 320.

BADM 327  Marketing to Business and Govt  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/327)
Introduces the general area of industrial marketing; examines the nature of industrial markets especially as they compare to consumer markets and emphasizes such factors as the demand for industrial goods, marketing intelligence systems for industrial firms, marketing strategy in industrial markets, and analyses and control of industrial marketing programs; integrates important concepts from sales management and business logistics throughout the course; uses case studies. Prerequisite: BADM 320.

BADM 328  Business-to-Business Selling  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/328)
Introduces the use of persuasive personal communication in attracting and retaining customers. Uses experiential learning exercises to address principles and techniques of personal selling and the administration of the selling function as it relates to the development of marketing strategy and the achievement of corporate objectives. Prerequisite: Junior standing.

BADM 329  New Product Development  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/329)
Exposes student to business and marketing decisions in the context of new product development and marketing. Helps students learn how to use state-of-the-art management techniques to identify markets, develop new product ideas, measure customer benefits, and design profitable new products. Prerequisite: BADM 320.

BADM 330  Brand Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/330)
Brand Management is an advanced Marketing elective that addresses the key issues of brand asset management faced by firms in the 21st century. Class discussions will focus on providing theoretical tools for uncovering and understanding the associations that consumers establish with their brands, for predicting the effects of these associations on brand-related judgments and behaviors, and for devising strategies for building strong brands. Prerequisite: BADM 320.

BADM 331  Making Things  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/331)
Making Things is a hands-on course in which interdisciplinary teams of business, design and engineering students conceptualize, design, prototype, manufacture and market a new product. To create these products, they use 3D design software and hardware. The course is held in the Illinois MakerLab. By participating in this course, students develop teamwork, design, manufacturing and marketing skills. Additional fees may apply. See Class Schedule. Prerequisite: Junior or Senior class standing required.

Information listed in this catalog is current as of 07/2020
BADM 332 Sustainable Product Design & Marketing Plans I: Bottom-Up Immersion in Subsistence Marketplaces  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/332) Focuses on sustainable product design and enterprise plan development; uses extreme resource constrained contexts, i.e., subsistence marketplaces, to learn about bottom-up immersion and design for any context; virtual immersion in subsistence contexts; emersion of principles for business, design, and engineering; idea generation and evaluation by groups of business, engineering, design and other students; optional international field trips. Prerequisite: Application process. Junior or senior class standing.

BADM 333 Sustainable Product Design & Marketing Plans II: Bottom-Up Enterprise & Marketing Innovation  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/333) Focuses on sustainable product design and marketing plan development; uses extreme resource constrained contexts, subsistence marketplaces, to learn about bottom-up enterprise and innovation for any context; project based course focusing on systematic approach for designing sustainable products and developing enterprise plans; covers concept generation and evaluation, detailed design, cost modeling, market-testing & prototyping, product innovation, and sustainable enterprise plan development for subsistence marketplaces or upward innovation for advanced economies. Prerequisite: BADM 332 or instructor approval. Junior or senior class standing.

BADM 334 Sustainable Marketing Enterprises  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/334) Understanding of the relationship between sustainable marketing/business practices, societal welfare and ecological systems; topics covered including sustainability in the areas of consumption and consumer behavior, product design, marketing research, value chains and communications; project to apply marketing and business concepts toward a business plan for organizations that captures economic, environmental and social sustainability. Prerequisite: Junior or Senior Class Standing.

BADM 335 Supply Chain Management Basics  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/335) Course broadly exposes students to the basics of supply chain management. It concentrates on the basic concepts, terminology, techniques and tools in supply chain management. Introduces the main functions of supply chain management and its interface with marketing, finance, and information management. Studies the interactions among the logistics of manufacturing, inventory, and transportation. Students are introduced to mathematical modeling and computer simulations to optimize the performance of supply chains.

BADM 336 Modeling the Supply Chain  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/336) Course introduces students to supply chain modeling. It covers optimization and simulation modeling, value stream mapping, and the SCOR model for representation of supply chains. Models for strategic and tactical decision-making in supply chain design and operations will be considered. Presents examples of supply chain modeling in practice and integration of supply chain models with other business functions. Prerequisite: BADM 335.

BADM 337 Practicum in Supply Chain Mgt  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/337) This is the capstone course for the Supply Chain Management major. Students are required to work in teams to solve real-world supply chain management problems using the tools and techniques learned from their other classes. Students are required to present their progress and final reports to both the faculty and company sponsors. Also covers some basic elements of project management and a large case study.

BADM 338 Global Supply Chain Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/338) Due to intense global competition, companies increasingly realize the importance of global supply chain management, as they have become more involved with their cross-border suppliers and customers in order to meet customer expectations in a global marketplace. This course in ‘global supply chain management’ focuses on specialized topics arising in the context of procurement, operations, transportation, finance, and governance of relationships of multiple international buyer and supplier organizations.

BADM 340 Ethical Dilemmas of Business  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/340) Examines business decision making and the role ethics plays in that process. Analysis of how managers behave and whether ethical choices are knowingly made or only realized thereafter. The object is to increase awareness of the moral dimension of business activity. This course satisfies the General Education Criteria for: Advanced Composition

BADM 350 IT for Networked Organizations  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/350) Examines the information technology and its impact on modern organizations. Topics include: (1) IT, Internet Technologies, E-Commerce and business models, (2) organizing and modeling enterprise data, (3) Network protocol and architecture, (4) development of IT systems, and (5) IT management and organization design.

BADM 351 E-Business Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/351) Designed to provide current perspective about enterprise IT-applications and the management issues that such applications entail. Emphasis is on current developments that will be explored with lectures, case studies, and hands-on applications. May be repeated in separate terms.

BADM 352 Database Design and Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/352) Introduce the modern concepts, techniques and management practices when dealing with data and use of data in organizations. Topics include data modeling, database logical and physical designs, implementation, database administration and web-based database environment. Students will be involved in constructing a database and researching an advanced topic to solidify the learning.

BADM 353 Info Sys Analysis and Design  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/353) Methodologies and techniques used and deliverables created in developing large-scale information systems, including preliminary planning, feasibility analysis, design implementation, and post-implementation review of the system; a term-long project which familiarizes students with methodology and techniques is required.
BADM 354 Mgmt of Data Communications  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/354)
Course stresses a top-down, business oriented approach to evaluating and selecting data communications technology. Students who successfully complete this course gain practical knowledge of network telecommunications technology including hardware and software. They learn enough to allow them to help design systems that include network components. Prerequisite: BADM 350.

BADM 355 Enterprise Software Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/355)
Almost every professional who works in a field related to Information Technology requires an understanding of how enterprise projects and IT projects, in general, should be managed. Provides fundamental managerial skills for students who will work on IT projects. Covers different kinds of enterprise software applications - Enterprise Resource Planning Systems, Customer Relationship management systems and supply chain management IT systems. Students will get hands-on understanding through a term project and project-management software. Discusses approaches to estimate and manage costs, schedules and resources. Students get an understanding of real-world challenges through case studies throughout the course. May be repeated in subsequent terms. Prerequisite: BADM 350.

BADM 356 Data Science and Analytics  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/356)
In this course, you will learn not only data analytic techniques but also the managerial implications of competing with analytics. You will understand the managerial challenges of using data analytics to develop a strategic advantage through readings and case studies. You will learn techniques such as statistical inference, linear modeling, sentiment analytics, and data mining through hands-on exercises in R. R is an open source language that has grown in importance and usage in corporations. Finally, you will be able to present and interpret data through an understanding of data visualization techniques.

BADM 357 Digital Making Seminar  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/357)
The third industrial revolution is upon us, and you have the ability to create functional products on your desktop, by using some inexpensive and accessible tools. This course will help you get trained on many of these tools and technologies, you will also experiment and make these objects. We will explore 3D scanning, modeling and printing to rapidly prototype products. We will experiment with open hardware, micro-controllers such as Arduinos, to explore the concept of the internet of things. We will also have guest lectures in design thinking, digital making and some stories from passionate makers from the community and beyond. Business students encouraged to apply, but all majors and all years welcome. Additional fees may apply. See Class Schedule.

BADM 359 Business Problem Formulation and Solution  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/359)
This course prepares students to critically formulate and solve a range of real-world problems faced by business organizations. Addressing business problems is central to the professional services offered by management consultants across many fields (e.g., strategy, technology, market analysis, operations, supply chain, organization). The course employs a unique classroom model that combines faculty expertise with executive experience from the consulting industry, which allows students to benefit from hands-on experiential learning about business problems. Approved for Letter and S/U grading. Prerequisite: Sophomore or Junior standing required.

BADM 365 New Product Marketing  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/365)
Exposes engineering students to the discipline of marketing and to business decision-making in the unique context of new product marketing decisions. Credit is not given for both BADM 365 and BADM 320.

BADM 366 Product Design and Development  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/366)
Presents an overview of the product development process from concept generation to design manufacturing and project management. There is an emphasis on product definition, early concept development, visual reasoning and engineering graphics. Students work in cross disciplinary teams working through project development projects. Same as TMGT 366. Prerequisite: Admission to the Technology and Management Program.

BADM 367 Mgmt of Innov and Technology  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/367)
Course focuses on the strategic management of technology and innovation in organizations. It builds primarily on broad models of technological evolution and organizational change. Same as TMGT 367. Prerequisite: BADM 320 or concurrent enrollment in BADM 365.

BADM 374 Management Decision Models  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/374)
Introduction to methods of operations research from an executive or managerial viewpoint, emphasizing formulation of business problems in quantitative terms; industrial applications of linear programming, dynamic programming, game theory, probability theory, queuing theory, and inventory theory. Prerequisite: ECON 203 or BADM 210.

BADM 375 Operations Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/375)
Explores methods of design and management of manufacturing and service business processes; central concepts include managing process-speed, -capacity, -inventory, and -uncertainty; additional topics include simultaneous product and process design, and an introduction to quality management, process improvement and lean thinking.

BADM 376 Enterprise Proc Integr & Dynm  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/376)
Enterprise-level study of a business that focuses on the integration and management of many interrelated processes. The focus is on linkages between these business processes and the management of these linkages in a dynamic business environment. Prerequisite: BADM 375.

BADM 377 Project Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/377)
In-depth treatment of management concepts, tools, and techniques that apply to the organization, planning, and control of projects; particular emphasis on analyzing needs, defining work, scheduling tasks, allocating resources; assessing costs, managing risks; tracking and evaluating performance; and building and leading teams.

BADM 378 Logistics Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/378)
Treats the total flow of materials from their acquisition as basic or unprocessed supplies to delivery of the finished product, as well as the related counter-flows of information that both record and control material movement. Major topics include forecasting material requirements; transportation planning; order processing system; raw material, in-process and finished goods inventory management; packaging; in plant and field warehousing; location theory (space, time, and cost trade-offs); communications; and control.
BADM 379 Business Process Improvement credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/379)
The survival and growth of any organization requires the continuous improvement of its processes. This course focuses on philosophies and tools for enhancing customer-defined value created through processes. Contemporary process improvement programs are emphasized along with conventional ideas - topics include Statistical Quality Control, Value Stream Mapping, Total Quality Management, and Six Sigma.

BADM 380 International Business credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/380)
Introduces the field of international business and management. Examines the economic, political, and legal environments of international business. Analyzes differences in financial management, marketing, and management practices for firms doing business abroad.

BADM 381 Multinational Management credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/381)
Examines critical issues facing managers who work in multinational firms. Designed to develop students' skills for working in a global business environment. Topics include foreign market entry strategies, global management of the functional areas of business, and management and control of multinational firms in the global marketplace.

BADM 382 International Marketing credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/382)
Analyzes marketing strategy across national boundaries, the problems of marketing within foreign countries, and the coordination of global marketing programs. Includes problems faced by the exporter, licensor, joint venture, and multinational firm. The full range of market activities are discussed from a global perspective. Prerequisite: BADM 320.

BADM 383 Topics in International Business credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/383)
Examines topics related to international business that are not covered in BADM 380, BADM 381, BADM 382, BADM 338. Possible topics include cross-cultural management issues, cross-border merger and acquisition activities, the historical context of global capitalism, doing business in emerging economies, global research and development efforts, and global strategic human resource management. May be repeated in the same or separate semesters to a maximum of 6 hours, if topics vary. Prerequisite: BADM 380.

BADM 394 Senior Research I credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/394)
Research and readings course for students majoring in business administration. May be taken by students in the college honors program in partial fulfillment of the honors requirements. May be repeated in the same or separate terms for unlimited undergraduate hours. Not applicable to graduate or professional hours.

BADM 395 Senior Research II credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/395)
Research and readings course for students majoring in business administration. May be taken by students in the college honors program in partial fulfillment of the honors requirements. May be repeated if topics vary. Not applicable to graduate or professional hours.

BADM 403 Corporate & Commercial Law credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/403)
Advanced discussion of corporate and commercial law, including topics tested on the CPA exam: agency, contracts, debtor-creditor relationships, governmental regulation of business and business organizations. 4 undergraduate hours. 4 graduate hours.

BADM 404 Business Process Improvement credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BADM/404)
The survival and growth of any organization requires the continuous improvement of its processes. This course focuses on philosophies and tools for enhancing customer-defined value created through processes. Contemporary process improvement programs are emphasized along with conventional ideas - topics include Statistical Quality Control, Value Stream Mapping, Total Quality Management, and Six Sigma.

BADM 405 E-com Apps & Web-based Systems credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/451)
Provides students with technical skills for building web-based e-commerce applications using the Microsoft .NET framework as well as knowledge of web services. Topics include: ActiveServerPages .NET (ASP.NET), VisualBasic.NET (VB.NET), XML, web services, the Microsoft .NET framework. 3 undergraduate hours. 4 graduate hours. Prerequisite: BADM 350.

Information listed in this catalog is current as of 07/2020
BADM 453  Business Intelligence  credit: 3 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/453)
This advanced course examines recent developments in information technology for managerial decision support with an emphasis on Internet-based and mobile information technologies. Real-world cases will be used to discuss the application of these technologies to management information systems. 3 undergraduate hours. No graduate credit.

BADM 454  Enterprise Computing Mgmt  credit: 3 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/454)
Aims to prepare students with programming skills for building and managing enterprise applications. Java is used as the language for implementation. C and C++ are also introduced briefly. General principles of computing are emphasized over specific languages. 3 undergraduate hours. No graduate hours. Prerequisite: BADM 350.

BADM 458  IT Governance  credit: 3 or 4 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/458)
Provides students with a core body of knowledge concerning the state of development, research and business practice of IT governance on topics such as: managerial issues for the prevention of business frauds and threats; the key technology for IT governance for users and businesses; issues concerning integrity control, privacy, ethics, risk management, and reliability; best practices concerning regulatory compliance requirements, and enterprise information management issues, policies and practices. 3 undergraduate hours. 4 graduate hours. Prerequisite: BADM 350.

BADM 460  Business Process Modeling  credit: 3 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/460)
Introduces the identification and analysis of various aspects of business processes. The course defines business processes and provides tools for designing and analyzing them. Same as TMGT 460. 3 undergraduate hours. No graduate credit. Prerequisite: BADM 367.

BADM 461  Tech, Eng, & Mgt Final Project  credit: 2 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/461)
Course is the capstone interdisciplinary new product development project course for the Technology & Management Program. Students work in cross-functional teams (joint business and engineering teams) to solve new product development project problems provided by client firms. Because the client firms differ each year, so do the problems. Same as TMGT 461. 2 undergraduate hours. No graduate credit. May be repeated up to 4 hours. Prerequisite: BADM 366, BADM 367, BADM 460.

BADM 501  Introduction to Business  credit: 4 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/501)
This course is designed to give students a broad-based introduction into managing businesses as a gateway to the rest of the specialized master’s degree curriculum. 4 graduate hours. No professional credit.

BADM 502  Communicating with Data and Decision Making  credit: 2 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/502)
Making decisions in organizations often require data, an approach that is increasingly becoming critical with proliferation of data. Data has to be understood for insights, to aid in decision making or presented to others to persuade. This course will introduce concepts and techniques to understand and communicate data for insights and decision-making. Topics include types of data, data visualization, descriptive statistics, understanding and representing variation, multiple variables, time series and maps. The course will follow a practice based approach. 2 graduate hours. No professional credit.

BADM 503  Classics in Business Administration  credit: 2 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/503)
Graduate seminar. Presents foundational literature to introduce the theoretical origins of the different areas of Business Administration and explores the linkages among these areas. Outlines the impact of the foundational works on subsequent research. 2 graduate hours. No professional credit. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 504  Phil of Science and Bus Admin  credit: 2 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/504)
Introduction to philosophy of science that focuses on the nature of discovering and justifying knowledge in the business disciplines. Specific issues of interest are the nature of scientific truth, validation of theories, prediction and explanation. Discusses applications to research in various business disciplines. Prerequisite: Ph.D. standing in BADM or consent of instructor.

Research methodology for the study of administrative, industrial, and consumer behavior and organizations; Foundations of measurement - Construct definition, Domain delineation, Reliability, Dimensionality, and Validity. Reliability analysis, Exploratory and Confirmatory factor analysis; Alternative methods of data collection - laboratory experimentation, survey research design, and qualitative research. A completed individual research project involving the development of an entire method is formally presented in class and submitted as a paper. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 508  Leadership and Teams  credit: 2 or 4 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/508)
Develops and integrates fundamental behavioral concepts and theory having administrative applications; initially focuses on the individual decision maker and ultimately includes interpersonal, organizational, and social structures and influences; and develops strategies and methods of research on behavioral applications in business.

BADM 509  Managing Organizations  credit: 2 or 4 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/509)
Examines and analyzes the organization as a social system and the impact of its various components on work attitudes and behavior; topics include the development of organizational structures, organizational effectiveness, decision making and policy formulation, leadership, and change.

BADM 510  Founds of Organizational Behav  credit: 4 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/510)
Introduction to the principal theories and important empirical research in various disciplines that study organizations; in addition to examination of the subject matter content of various disciplines, students critically examine the capacities and limitations of the various fields to make contributions to the study of organizations. Same as PS 514, PSYC 553, and SOC 575. Prerequisite: Enrollment as a major in organizational sciences in a cooperating program or consent of instructor.

BADM 512  HR Management and Strategy  credit: 4 Hours.  (https://courses.illinois.edu/schedule/terms/BADM/512)
Same as LER 565. See LER 565.
Information listed in this catalog is current as of 07/2020
BADM 529  Marketing Research  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/529)
Examines the collection and analysis of information applied to marketing decisions; stresses quantitative methods including samplings, scalings, experimental design, forecasting, and multivariate procedures through the use of class projects on actual market research problems.

BADM 531  Survey Methods in Mkt Res  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/531)
Analysis of survey methods in marketing with emphasis on sample design, data collection, and data processing; an advanced course in the methods required to design, implement, and evaluate a research project. Same as SOC 576.

BADM 532  Sustainable Product Design & Enterprise Plan Development - I: Bottom-Up Immersion & Design  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/532)
Focuses on sustainable product design and enterprise plan development; uses extreme resource constrained contexts to learn about bottom-up immersion and design for any context; virtual immersion in subsistence contexts; emersion of principles for business, design, and engineering; idea generation and evaluation by groups of business, engineering, design and other students; optional international field trips. 4 graduate hours. No professional credit. Prerequisite: Application process.

BADM 533  Sustainable Product Design & Enterprise Plan Development - II: Bottom-Up Enterprise & Innovation  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/533)
Focuses on sustainable product design and enterprise plan development; uses extreme resource constrained contexts to learn about bottom-up enterprise and innovation for any context; project based course focusing on systematic approach for designing sustainable products and developing enterprise plans; covers concept generation and evaluation, detailed design, cost modeling, market-testing & prototyping, product innovation, and sustainable enterprise plan development for subsistence marketplaces or upward innovation for advanced economies. 4 graduate hours. No professional credit. Prerequisite: BADM 532 or instructor approval.

BADM 535  Global Business  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/535)
This course provides students with a clear conceptual understanding of the opportunities and challenges involved with international business transactions. Young managers face a diverse set of circumstances when they engage in cross-border business (trade and foreign direct investment) as opposed to purely domestic business: e.g., enhanced globalization forces, cross-national heterogeneity in institutions and cultures, increased competition from emerging economies, and - particularly germane for this course - altered strategic economic incentives. Accordingly, we will attempt to analyze these issues, make sense of the fundamental forces behind these dynamics, and understand their managerial implications. The class will focus then on the roots of International Business, and complement this focus with important practical implications and 'real-world' examples and cases - the ambition will always be to wed good theory with practice. 2 graduate hours. No professional credit. Prerequisite: MSM student or consent of instructor.

BADM 537  Advanced Topics in Marketing  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/537)
Seminar on topics associated with the development of marketing theory. Topics may vary from year to year, and include classics in marketing exchange, development, and thought as well as current research frontiers involving product usage, market definition, data base modeling, and pricing. May be repeated to a maximum of 8 hours. Students may take multiple topics under the course designation, but can only take each topic once for credit towards degree requirements. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 538  Res Sem in Consumer Behavior  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/538)
Advanced doctoral level seminar which critically examines the relevance of behavioral and social constructs for generating consumer behavior theories. It specifically discusses the need for, and procedures with which to modify behavioral/social processes. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 539  Math Models in Marketing  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/539)
Seminar in model building as a tool for research in marketing. Application of the mathematics of optimization, dynamics, linear algebra and games to marketing topics including consumer choice, retailing, price promotions, advertising, personal selling, positioning, new-product diffusion. Research project using modeling models required. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 540  Frontiers in Technology  credit: 0 or 1 Hours. (https://courses.illinois.edu/schedule/terms/BADM/540)
This course provides the opportunity to listen to, discuss, and present on ideas and technologies which are expected to affect our lives in the near future. Activities include seminars and professional development activities, corporate visits, and presentations by researchers who work on the cutting edge of technology. 0 or 1 graduate hours. No professional credit. Approved for Letter and S/U grading. May be repeated in separate terms up to 2 credit hours. Prerequisite: MSTM students.

BADM 541  Economics of Organizations  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/541)
This course aims to help students to develop a deep understanding of how organizations work from an economic point of view and covers six prominent theories of organizations: (1) Behavioral Theory of the Firm; (2) Transaction Costs Theory; (3) Property Rights Theory; (4) Agency Theory; (5) Dynamic Resource-Based Theory; and (6) Game Theory. 4 graduate hours. No professional credit.

BADM 543  Technology Strategy  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/543)
Technological change is a fundamental challenge and opportunity for business leaders in the modern economy. This course deals with concepts and analytical frameworks for strategizing and managing in an environment of technological upheaval and constant innovation. Broadly, students are exposed to ideas about how firms create value through new technologies, and how they in turn capture some of that value to make profits. Specific topics include sources and patterns of innovation, business models, first mover advantages, barriers to imitation, technology commercialization modes, network effects and standards competition, creative destruction and technological disruption, alliances and collaboration, and strategic renewal. The course aims to impart the strategic toolkits and skills required to manage dynamic technology-intensive businesses. 2 or 4 graduate hours. No professional credit.
BADM 544 Strategic Management credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/544)
Policy construction and planning of policy implementation at the executive level; case studies of company-wide situations from the management point of view; and integration and application of material from previous courses. Credit is not given for both BADM 544 and BADM 339. Prerequisite: BADM 509, BADM 520, and BADM 567, FIN 520, or equivalent.

BADM 545 Found of Strategy Research credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/545)
Seminars on topics in the development of strategic management theory. Topics include: Classics in Strategic Management (explores the historical development of the foundational literature of strategic management); and Theory Development and Assessment in Strategic Management (focuses on the process of conducting and critiquing research in the field). May be repeated in the same or separate terms to a maximum of 4 hours. Students may take multiple topics under the course designation, but can only take each topic once for credit towards degree requirements. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 546 Strategy Content Research credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/546)
Seminar covering the foundations of strategy content and formulation research. Topics include: Economic Theories in Strategic Management (including strategic management applications of industrial organization economics); and Economic Approaches to Strategic Management Research (including transaction costs, resource-based and property rights research). May be repeated in the same or separate terms to a maximum of 4 hours. Students may take multiple topics under the course designation, but can only take each topic once for credit towards degree requirements. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 547 Strategy Process Research credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/547)
Seminar on research into strategy formulation and implementation processes. Topics include: Behavioral Theories in Strategic Management (theoretical and empirical research on complex organizations and their environments); and Behavioral Approaches to Strategic Management Research (behavioral research into strategy formulation and implementation processes). May be repeated in the same or separate terms to a maximum of 4 hours. Students may take multiple topics under the course designation, but can only take each topic once for credit towards degree requirements. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 548 Corp & Comp Strategy Research credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/548)
Research seminars on topics in firm-level and business-level strategy. Topics include: Corporate Strategy (explores issues associated with the scope of the firm, corporate governance and value creation), and Competitive Strategy (focuses on strategic positioning, timing, competitive advantage and sustainability). May be repeated in the same or separate terms to a maximum of 4 hours. Students may take multiple topics under the course designation, but can only take each topic once for credit towards degree requirements. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 549 Current Strategy Research credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/549)
Seminar on current theoretical and empirical research relating to emerging areas of knowledge in the strategic management field. Reflecting the emphasis of current research on strategic and organizational phenomena, topics vary from year to year. May be repeated in the same or separate terms to a maximum of 4 hours. Students may take multiple topics under the course designation, but can only take each topic once for credit towards degree requirements. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 550 Technology Practicum credit: 0 to 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/550)
This class provides a unique opportunity to apply student's classroom knowledge, their skills and experiences in a real world setting. Each student should expect the experience to be as close to working in a business environment as the academic environment allows. Each team of students will work in a collaborative relationship with real businesses and organizations to solve real problems by developing implementable solutions. The instructor's expectation is that each student will provide professional quality work. 0 to 4 graduate hours. No professional credit. Approved for Letter and S/U grading. May be repeated in separate terms up to 4 credit hours. Prerequisite: MSTM students.

BADM 551 Managing Intellectual Property credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/551)
Knowledge assets - technologies, knowhow, creative works, reputations, talent, and customer relationships - are critical drivers of business today. Intellectual property (IP) of various types (patents, copyrights, trade secrets, trademarks, etc.) can confer valuable rights over these knowledge assets, which makes intellectual property strategy a vital skill in the modern manager's professional toolkit. This course provides an introduction to different IP types and an in-depth exploration of the strategic issues entailed in using (obtained, licensing and enforcing) IP rights in business. It examines how IP strategies can be used to support the company's overall strategy, and how the two can be better aligned. The end goal is to develop the business manager's vocabulary, understanding, and strategic thinking in dealing with intellectual property as tools for competitive business success. 2 graduate hours. No professional credit.

BADM 552 Legal Aspects of Mgt Decisions credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/552)
The legal environment in which business decisions are made, including the legal system and the role of courts, government taxation and regulation of business, administrative law, antitrust law, labor law, and trends in the law affecting business policy.

BADM 553 Ethical Dilemmas in Business credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/553)
Examines business decision making and the role ethics plays in that process. Analysis of how managers behave and whether ethical choices are knowingly made or only realized thereafter.

Information listed in this catalog is current as of 07/2020
BADM 554 Enterprise Database Management  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/554)
Databases are important because they play a critical role in today's business environment. Almost all modern organizations use database technologies to store and manage data in every functional area of business including its operations, finance, accounting, and marketing. By understanding data modeling and being able to query databases, you possess one of the most marketable skills to help a business better manage their data and discover new opportunities through better analytics. At the end of this course you will be able to (a) Understand and help articulate the data needs of the company (requirement analysis), (b) Conceptually model the relationship of the data (data modeling), (c) Query databases to meet business requirements, (d) Understand the principles of design of data warehouses, (e) Understand the alternatives to relational databases (no SQL) with reference to storing Big Data, and (f) Explain the benefits of distributed databases 4 graduate hours. No professional credit. Credit is not given for both BADM 554 and BADM 352.

BADM 555 Info Sys Development and Mgt  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/555)
Addresses issues relevant to the development of large-scale information systems including systems concepts and thinking, systems development life cycle, objectives, methodology and deliverables in each phase, behavioral implications of systems development and integration information systems with business processes. Credit is not given for both BADM 555 and BADM 353.

BADM 556 Electronic Commerce  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/556)
Graduate seminar in Electronic Commerce (EC), focusing on the integration of IT and business models. Topics include: (1) business-to-consumer EC; (2) business-to-business EC; (3) enterprise information management; (4) infrastructure development; (5) knowledge management; and (6) EC strategy.

BADM 557 Dec Support and Knowledge Mgt  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/557)
This graduate level course examines emerging information technologies, in particular based on the Internet and mobile applications, to support management decisions. This course combines the technical, business and managerial aspects of developing advanced electronic business systems. Credit is not given for both BADM 557 and BADM 453.

BADM 559 Enterprise IT Governance  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/559)
Addresses enterprise IT governance, with a focus on (1) IT governance strategy, including strategic mapping, IT portfolio management, and IT risks assessment; (2) IT control frameworks for organizing IT processes and defining management control objectives, and (9) Trustworthy information management.

BADM 560 IT Consulting Management  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/560)
This course enables students to comprehend, explore and manage issues confronting management consultants. The course aims to reach a balance between consulting principles and information technology (IT) management. The course is structured around five objectives of understanding the management consulting life-cycle, consulting tools and techniques, IT valuation methods, IT governance, and emerging IT trends and their impact. Students will prepare the most prevalent types of consulting engagements, conduct case-orientated research and analysis, understand the consulting engagement life-cycle, innovation management, while exploring and debating materials from industry thought-leaders. 4 graduate hours. No professional credit. Prerequisite: MBA, MSTM and IT Minors/Concentrations.

BADM 562 Social Media Strategy  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/562)
Managers in firms today must be equipped to deal with the new reality of a socially connected society. In this course, students will improve their analytical capabilities and understanding of the opportunities and challenges that social media, global collaboration and new ways of engaging customers pose for the firm. An emphasis will be placed on managerial decision making in the context of the social media phenomenon. 4 graduate hours. No professional credit. Prerequisite: Enrollment in the MBA, MST, or PMBA program or in the IT Graduate Minor/Concentration.

BADM 563 Operations Strategy  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/563)
The main objective of this course is to examine how manufacturing and operations can be used as sources of competitive advantage. Some firms compete based on innovation and high-performing products. Others may rely on rapid delivery, flexibility to accommodate specific customer needs, or cost leadership. The capabilities that allow the pursuit of these strategies are usually the result of well formulated and executed operations strategies. This course illuminates the fundamental drivers that make the pursuit of these and other strategies possible 4 graduate hours. No professional credit. Prerequisite: Enrollment in the MBA or MSTM program, or the Supply Chain Management Concentration.

BADM 564 Business Process Improvement  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/564)
The main objective of this course is to learn tools and techniques for process improvement that are commonly used today under organizational initiatives such as Lean Management and Six Sigma. Classes will consist of lecture-discussions and problem solving exercises, and demonstrations and practice of the use of software for statistical analyses. 4 graduate hours. No professional credit. Prerequisite: BADM 567, MBA 502 MSP, or consent of instructor.

BADM 565 Strategic Sourcing  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/565)
This course aims to provide students with an understanding of the impact that sourcing and supply management have on the success and profitability of firms in today's business environment. We will look at some of the factors that need to be considered when making sourcing and supplier management decisions (make or buy, in-sourcing, and outsourcing; quality; quantity and inventory; prices; costs; supplier selection; supplier evaluation; globalization), and discuss the influence that sourcing and supply management have on other functional activities, such as product design, inventory management, etc. 4 graduate hours. No professional credit. Credit is not given for BADM 565 and BADM 590, Section STS.

BADM 566 Supply Chain Management  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/566)
Focuses on how to manage flows of products and services from raw material sources to final customers and associate flows of information. Helps students to develop a system view of measuring channel performance, integrating cross-functional activities, and coordinating processes across organizations.

BADM 567 Process Management  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/567)
Introductory course in decision-making problems in production; includes the theoretical foundations for production management as well as the applications of decision-making techniques to production problems in the firm; and considers production processes, plant layout, maintenance, scheduling, quality control, and production control in particular.
BADM 568 Planning and Control Systems  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/568)
In-depth treatment of concepts involved in designing and implementing planning and control systems within the context of a dynamic environment; particular emphasis on the systematic use of information to maintain the efficient flow of materials, utilization of people and technology, coordination with suppliers, and communication with customers.

BADM 569 Res Topics in Operations Mgt  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/569)
Current and classical literature in the area of Operations Management. The topics covered may vary from year to year and may include performance measures, inventory management, planning, scheduling, location, layout, product design, process design, and forecasting. 4 graduate hours. No professional credit. May be repeated in the same or separate terms. Prerequisite: Ph.D. standing in BADM or consent of instructor.

BADM 570 Power & Leadership in Orgs  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/570)
Organizations are political systems, so leadership is a political task that raises practical, ethical, and personal challenges. This course aims to help students better understand power in organizations and to become more effective political actors in their professional careers. The course will address normative questions about power's legitimate purposes and the ethical constraints which should govern its use. We will also consider how the pursuit and attainment of power can affect people. In addition, the course will explore the nature of leadership and its relationship to power. Leadership, as we shall come to see in the course of the class, is an inherently ethical and personal concept. The course considers both realism and idealism, both "getting things done" and "doing the right thing." The course involves reading a large number of cases and attempting to learn from the experiences of successful and failed organizational politicians/leaders. We will also draw upon a large body of popular management literature and social scientific research which has directly addressed the phenomena of power and leadership in and around organizations. The course will be highly interactive and discussion-based. 4 graduate hours. No professional credit. Prerequisite: Enrollment in the MBA, PMBA, or MSTM program.

BADM 571 Digital Business & IT Strategy  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/571)
This course is to discuss digital business management and IT strategy based on emerging digital technology developments. 2 graduate hours. No professional credit. Prerequisite: Restricted to students in MAS and MSTM programs.

BADM 572 Stat for Mgt Decision Making  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/572)
The application of classical and modern statistics for business decision making. The level of the course assumes some prior knowledge of basic statistics as well as facility with elementary calculus.

BADM 573 Decision Analytics  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/573)
Introduction to analytical approaches to decision making using statistical, probabilistic, and quantitative methods based on data and judgment. This course focuses on understanding of the decision analytic framework and applying practical hands-on skills and tools to business decisions under uncertainty. 2 or 4 graduate hours. No professional credit.

BADM 574 Simulation and Risk Analysis  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BADM/574)
This course provides quantitative tools for solution of management problems involving risk, competing objectives, and complex constraints. The course will provide hands-on experience with techniques for solving these problems, with a particular emphasis on models and methods that enable managers to proactively manage and mitigate risk, obtain insight, and support decision making. Models are illustrated with applications to operations management, finance, and marketing, with a particular emphasis on issues associated with project portfolio management. Hands-on modeling skills are developed using spreadsheet-based software tools. We will consider challenges that executives and organizations encounter when implementing these approaches, and demonstrate how mathematical models can improve on "seat of the pants" methods.

BADM 575 Supply Chain Analytics  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/575)
The objective of the course is to introduce students to using data analytics for improving decision making in supply chains. With Globalization and digitization of supply chains a large volume of data is getting generated within supply chains. Being able to use the information in the data to improve supply chain functioning is critical to success for many organizations. In this course, students are introduced to data analytic methods such as statistical modeling and machine learning methods for organization, and analysis of large volume of different kind of data that relate to specific aspects of managing and organizing supply chain. This course follows a project based practical learning approach. The course is divided into several modules and students are required to analyze and present data and inferences with respect to these modules. 4 graduate hours. No professional credit. Credit is not given for BADM 575 and BADM 590 (31474) Section SCA.

BADM 576 Data Science and Analytics  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/576)
In this course, you will learn not only data analytic techniques but also the managerial implications of competing with analytics. You will understand the managerial challenges of using data analytics to develop a strategic advantage through readings and case studies. You will learn techniques such as statistical inference, linear modeling, sentiment analytics, and data mining through hands-on exercises in R. R is an open source language that has grown in importance and usage in corporations. Finally, you will be able to present and interpret data through an understanding of data visualization techniques. 4 graduate hours. No professional credit.

BADM 577 Predictive Data Analytics  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BADM/577)
This course covers advanced techniques of data analytics, with an emphasis on the predictive perspective. This course provides both rational and real-world applications of data analytics and is ideal for students seeking to extract insights from real data to support business decision-making. In particular, students will learn to: (1) mine, summarize and visualize data (2) formulate, identify, and design optimal procedure for prediction, forecast and inferential decision-making (3) uncover and quantify the influence of performance drivers with data (4) draw data-driven conclusions to create competitive advantage for businesses. 4 graduate hours. No professional credit. Credit is not given for BADM 577 and BADM 590 (47816), Section AN.

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BADM 582 Multinational Management  credit: 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/582](https://courses.illinois.edu/schedule/terms/BADM/582))
Examines critical issues facing managers who work in multinational firms. Designed to develop students’ skills for working in a global business environment. Topics include foreign market entry strategies, global management of the functional areas of business, and management and control of multinational firms in the global marketplace.

BADM 583 Current Topics in Intl Bus  credit: 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/583](https://courses.illinois.edu/schedule/terms/BADM/583))
Continuation of BADM 582. Examines topics related to management and integration of multinational firms not covered in BADM 582. Possible topics include foreign investment decisionmaking, global manufacturing and supply chain management, international joint ventures and strategic alliances, cross-border mergers, global R&D, and global strategic human resource management. May be repeated.

BADM 584 Global Marketing  credit: 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/584](https://courses.illinois.edu/schedule/terms/BADM/584))
Analyzes marketing strategy across national boundaries, the problems of marketing within foreign countries, and the coordination of global marketing programs. Includes problems faced by the exporter, licensor, joint venture, and multinational firm. The full range of market activities are discussed from a global perspective.

BADM 586 Intl Comparative Management  credit: 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/586](https://courses.illinois.edu/schedule/terms/BADM/586))
Compares and contrasts different regional/national business systems and organizational practices including those from both developed and developing countries. Designed to advance students’ global management knowledge and cross-cultural skills for functioning effectively in a transnational economy. Includes an optional overseas study trip to visit local companies and subsidiaries of multinational firms.

BADM 588 Business Practice Immersion  credit: 0 to 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/588](https://courses.illinois.edu/schedule/terms/BADM/588))
This course is designed to gain problem solving skills by working on a real project in a company. The project must have measurable goals. The course helps students gain valuable first hand experience in dealing with an organization, interacting with people, learning how different functions in an organization work, and refining time management and communication skills. 0 to 4 graduate hours. No professional credit. Approved for Letter and S/U grading. May be repeated up to 4 hours in separate semesters. Prerequisite: Enrollment in MS Program in Business.

BADM 589 Project Management  credit: 2 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/589](https://courses.illinois.edu/schedule/terms/BADM/589))
The objective of this course is to master the principles of efficient project planning and control - needs analysis, work breakdown, scheduling, resource allocation, risk management, and performance tracking and evaluation - within the timeframe and cost projections stated in the overview section. Concepts and techniques will be developed by navigating through a recent textbook in project management and through a popular project management software package. In addition, task teams of five members each will have the opportunity to hone skills through homework problem sets and a comprehensive project plan.

BADM 590 Seminar in Business Admin  credit: 0 to 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/590](https://courses.illinois.edu/schedule/terms/BADM/590))
Special topics in the general area of business. Topics are selected by the instructor at the beginning of each term. Approved for letter and S/U grading. May be repeated if topics vary; unlimited credit hours for graduate and professional students.

BADM 591 Proseminar in Business Admin  credit: 0 to 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/591](https://courses.illinois.edu/schedule/terms/BADM/591))
Lectures in topics of current interest not covered by regular course offerings. Subjects are announced in the Class Schedule. Approved for letter and S/U grading. May be repeated in the same term and/or separate terms as topics vary; unlimited credit hours for graduate and professional students.

BADM 593 Research in Special Fields  credit: 1 to 8 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/593](https://courses.illinois.edu/schedule/terms/BADM/593))
Approved for both letter and S/U grading.

BADM 594 Independent Study and Research  credit: 2 or 4 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/594](https://courses.illinois.edu/schedule/terms/BADM/594))
Directed reading and research. Approved for both letter and S/U grading. May be repeated in the same term and/or separate terms as topics vary; unlimited credit hours for graduate and professional students.

BADM 595 Business Fundamentals  credit: 2 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/595](https://courses.illinois.edu/schedule/terms/BADM/595))
Designed to provide a cohesive understanding of marketing from a managerial perspective. Students will learn how to develop a coherent and comprehensive marketing strategy for a product or service. Specifically, it provides the conceptual frameworks and tools necessary to create superior customer value, capture the value through appropriate pricing mechanisms, persuasively communicate and profitably deliver that value, and sustain both the value and the performance in the face of ever-changing customer needs and competitive offerings. Students examine companies by matching their internal strengths and weaknesses with opportunities and threats posed by their environments. Students learn to spot and evaluate opportunities for new ventures and examine the totality of a business proposal.

BADM 599 Dissertation Research  credit: 0 to 16 Hours. ([https://courses.illinois.edu/schedule/terms/BADM/599](https://courses.illinois.edu/schedule/terms/BADM/599))
Required of all students writing doctoral dissertations in business administration; guidance in writing theses and seminar discussions of interim progress reports. Approved for S/U grading only. May be repeated in the same term and/or separate terms as topics vary; unlimited credit hours for graduate and professional students.