MANAGEMENT AND DECISION SCIENCES

Chair: Stuart Rosenberg, Department of Management and Decision Sciences

Within the Leon Hess Business School students can pursue a number of academic degree programs, including those available in the Department of Management and Decision Sciences.

The program prepares students for success through an effective contemporary business education. The program provides an education that helps to qualify its graduates for positions of leadership in both the private and public sectors. Curricula are developed, taught, and regularly updated by faculty members with strong academic and business experience. The faculty members stress the development of critical thinking, sophisticated communications skills, and a flexible managerial perspective.

Monmouth's program in management offers an interdisciplinary approach that prepares graduates to excel in a variety of management positions.

Programs

Masters

- M.B.A. with a Concentration in Management (http://catalog.monmouth.edu/graduate-catalog/leon-hess-business/management-decision-sciences/mba-concentration-management)

Faculty

Edward Christensen, Associate Professor (Graduate Faculty). Vice President for Information Management. A.S., George Washington University; B.S., Southern Illinois University; M.B.A., Ph.D., Rutgers University. Specializes in management information systems organization and administration, including the use of information technology to support decision-making and strategy.

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Scott Jeffrey, Associate Professor (Graduate Faculty). B.S.C., M.B.A., Santa Clara University; Ph.D., University of Chicago. Performs research on the use of incentives and goal setting in organizations. Particularly focuses on non-cash tangible incentives such as travel and merchandise.

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Joseph McManus, Associate Professor (Graduate Faculty). M.B.A., Pepperdine University; J.D., Rutgers University Law School, Camden; Ph.D., Rutgers University. Research interests include organizational misconduct, business ethics, corporate social responsibility, and social entrepreneurship.

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Joseph Mosca, Associate Professor (Graduate Faculty). B.A., M.A., Montclair State University; Ed.D., New York University. Primary specializations are human resource management, human relations, and active teaching methods. His current research interests focus on developing hybrid courses, employee behavior, and jobs of the twenty-first century.

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Roy Nersesian, Professor (Graduate Faculty). B.S., Rensselaer Polytechnic Institute; M.B.A., Harvard Business School. Interests lie in incorporating quantitative content into management course development. Author of ten books on simulation, financial risk management, energy, and energy modeling.

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Stuart Rosenberg, Professor and Chair (Graduate Faculty). B.A., Marquette University; M.A., University of Wisconsin-Madison; Ph.D., Fordham University. Research interests include case writing, managerial economics, and the relationship between management and culture.

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Mikhail M. Sher, Assistant Professor (Graduate Faculty). B.S., Carnegie Mellon University; M.S., Columbia University; Ph.D., Drexel University. Research interests include healthcare education, management challenges within managed care settings, social and behavioral issues associated with pharmaceutical promotions and marketing strategy, and general management.

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Michaeline Skiba, Associate Professor (Graduate Faculty). B.S., M.S., Loyola University; M.S., Boston College; Ed.D., Columbia University. Research interests include healthcare education, management challenges within managed care settings, social and behavioral issues associated with pharmaceutical promotions and marketing strategy, and general management.

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Donald Smith, Associate Professor (Graduate Faculty). B.S., M.S., Ph.D., State University of New York at Albany. Areas of interest include child welfare, substance abuse, and families. Current research includes family reunification for substance-affected families, the Adoption and Safe Families Act, and child welfare consumer and service provider perspectives.

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Charles Willow, Associate Professor (Graduate Faculty). B.S., M.S., Hanyang University; M.S., Texas Tech University; Ph.D., University of Houston. Research interest includes Digital Business, Management Information System, and E-commerce, Web-based Information Technology, Technological Innovations Management, Technological Entrepreneurship, Intelligent Information Systems, Systems Modeling and Development, Robotics, and Digilog (Digital + Analog) Technology, among others.

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Courses

BM-510 Business Analysis, Research and Communication Credits: 3
Term Offered: All Terms
Course Type(s): None
Skills in critical reasoning and communication are honed by learning fundamentals of rigorous business research through framing and exploring hypotheses on unstructured business problems.

BM-512 Entrepreneurship and Innovation Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores the practical skills and knowledge needed to create and manage an entrepreneurial venture. Specifically the course develops students' capabilities to identify opportunities, create a novel business concept, research venture feasibility, plan and marshal the resources to launch a venture, as well as manage innovation as a core competence.
BM-517  Introduction to Management  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Designed to introduce MBA students to the basics of management and management practices. This course is intended for students who have not had sufficient academic or practical background in management.

BM-518  Introduction to Statistics  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides a graduate school introduction to the methodology and tools of statistics required by today's managers. Topics include graphical representation of data, descriptive statistics, probability, binomial and normal distributions, sampling, inferential statistics, confidence intervals, hypothesis testing, analysis of variance, and single and multiple regression analysis. Microsoft Excel is used extensively in class, and students should have a very basic familiarity with the software.

BM-519  Production and Operations Management  Credits: 3
Prerequisite(s): BM-518 or equivalent
Term Offered: All Terms
Course Type(s): None
Application and adoption of current managerial methods for the production of goods and services, employing qualitative and quantitative analyses of allocating such production factors as human resources, materials, and technology in the context of optimizing performance.

BM-520  Management Information Systems  Credits: 3
Term Offered: All Terms
Course Type(s): MBA.T
A survey of the concepts of management information systems and the information needs of management. A user-oriented introduction to the fundamentals of information systems and their integration into business organizations. Not eligible to students who have successfully completed MIS-623 or SE-623.

BM-521  Seminar in Electronic Commerce  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides an overview of the managerial side of e-commerce for the purpose of discussing the strategic and managerial implications of this new and emerging phenomenon. The technological and business possibilities for commerce using information technologies and networks will be explored in terms of their value-adding potential to current business practices, as well as the development of new products and/or services.

BM-556  Principles of Logistics Management  Credits: 3
Prerequisite(s): BM-519
Term Offered: All Terms
Course Type(s): MBA.Q
Conceptual underpinnings of business logistics; designing an integrated logistics system; managing for effective logistics.

BM-565  Management of Technology  Credits: 3
Term Offered: All Terms
Course Type(s): MBA.T
Study of the management of the technological innovation process and internal entrepreneurship; major topic areas include: technology strategy, technological evolution, strategic alliances, and new product development.

BM-598  Special Topics in Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Subject matter varies according to the interest of the students and the professor teaching the course. The exact nature of the topic covered is indicated in the student's permanent record. If a prerequisite is required it will be announced in the course schedule.

BM-599  Business Research: Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

BM-613  Managing and Leading in Organizations  Credits: 3
Prerequisite(s): BM-517
Term Offered: All Terms
Course Type(s): None
This course is designed to further develop students' understanding of the concepts of management and leadership within the complex framework of modern business.

BM-620  Management Science and Business Analytics  Credits: 3
Prerequisite(s): BM-518 and BM-519
Term Offered: All Terms
Course Type(s): MBA.Q
Provides a graduate school introduction to the methodology and tools of Management Science and Business Analytics that are a necessity for all of today's managers. Students will learn how to model, design and analyze systems. Excel will be used for quantitative analysis and decision-making tools. Students will also learn how to organize, sort and sift through high levels of data in order to make a decision.

BM-622  Applied Information Systems Management  Credits: 3
Prerequisite(s): BM-518
Term Offered: All Terms
Course Type(s): None
Value creations through many applications of data, information, and knowledge are one of the primary objectives of modern business organizations. Applied Information Systems Management focuses on the development of data management skills, which serve as the foundation for extension of learning in the areas of data mining, knowledge management, geographical information systems, and intelligent information systems for business. Emphasis is placed on gaining the ability to organize, sort, and sift through high levels of data in order to make an informed and accurate decision.

BM-630  Project Management  Credits: 3
Prerequisite(s): BM-519 or equivalent
Term Offered: All Terms
Course Type(s): None
Advanced coverage of both the qualitative and quantitative aspects of effective project management. The project life cycle phases of initiating, planning and design, executing, monitoring and controlling, and closing projects will be extensively covered from an applied managerial perspective.
BM-631  Logistics Supply Chain Management  Credits: 3
Prerequisite(s): BM-517, BM-518, and BM-620 or BM-622
Term Offered: Summer Term
Course Type(s): None
Logistics is an integrative activity uniting suppliers, providers of goods and services, and customers with logistical and supply chain systems binding global participants to fulfill their common interest in a most effective manner.

BM-635  Human Resource and Organizational Development  Credits: 3
Prerequisite(s): BM-517
Term Offered: All Terms
Course Type(s): MBA.B
Examination of the practices and problems associated with staffing, managing, evaluation, and organizational development. Examination of the practices and problems associated with staffing, leading, and organizational sustainability.

BM-638  Negotiations  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Designed to help students learn the fundamentals of negotiation processes. This course will be taught based upon weekly experiential cases whereby students will assume a role in a negotiation and negotiate with a partner.

BM-650  International Business  Credits: 3
Prerequisite(s): BM-613
Term Offered: All Terms
Course Type(s): MBA.I, MBA.B
The factors unique to international/global business in both the external environment (cultural, political, legal, technological, economic, financial) and the internal functional decisions made by the firm for sustainable strategic growth, while identifying risk.

BM-660  Corporate Governance and Organizational Ethics  Credits: 3
Prerequisite(s): BM-517
Term Offered: All Terms
Course Type(s): None
The properties of national and global markets and the interests of nation states and nongovernmental organizations are explored in analyzing how sustainable business strategies, corporate governance, and organizational ethics are linked.

BM-670  Strategic Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
A conceptual and capstone approach to business organizing and planning through seminars, case studies, and simulation of global enterprise; the formulation and implementation of competitive strategy.

BM-699  Independent Study in Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research is required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.