

GRADUATE SCHOOL OF MANAGEMENT

Programs

Master

- Business Administration/Master of Business Administration (<https://catalog.lewisu.edu/graduate/business/graduate-management/mba/>)
- Business Analytics / Master of Science (<https://catalog.lewisu.edu/graduate/business/graduate-management/business-analytics-master-science/>)
- Finance / Master of Science (<https://catalog.lewisu.edu/graduate/business/graduate-management/finance-master-science/>)
- Management Information Systems / Master of Science (<https://catalog.lewisu.edu/graduate/business/graduate-management/management-information-systems-master-science/>)
- Organizational Leadership / Master of Arts (<https://catalog.lewisu.edu/graduate/business/graduate-management/organizational-leadership-master-arts/>)
- Project Management / Master of Science (<https://catalog.lewisu.edu/graduate/business/graduate-management/project-management-master-science/>)

Non-Degree

- Organizational Leadership / Certificate (<https://catalog.lewisu.edu/graduate/business/graduate-management/post-baccalaureate-graduate-certificate-programs/organizational-leadership-certificate/>)

Courses

Business Administration

BSAD 50800 - Contemporary Management Practice (3)

This course introduces students to basic theories and principles of management. Emphasis is on effective organizational management practices and change strategies. Case problems and individual development tools will be used. Equivalent: Three semester hours of Principles of Management.

BSAD 51000 - Critical Thinking and Communication (3)

Through exploring today's complex business problems, students will develop a critical thinking attitude while learning how to apply an array of critical thinking skills. Emphasis will be placed on using logical reasoning supported by qualitative and quantitative evidence to identify problems, evaluate alternatives, and justify decisions. It is expected that students will become better listeners, more capable communicators – both in writing and speaking – as well as better at reflecting upon their own thinking. The class is based on the premise that critical thinking and communication skills are best learned through practice. Being able to communicate across cultures is a highly sought-after skill for businesses today. You will learn to apply your emotional intelligence and cultural intelligence to make every cross-cultural interaction a success and demonstrate your emotional intelligence and your cultural communication competency.

Prerequisite: BGEN 52000

BSAD 52000 - Fundamentals of the Business Enterprise (3)

This course is designed to introduce the student to three core areas of business: Economics, Accounting and Finance. As this course is intended for students pursuing a business focused graduate degree without prior business studies, these three topics will be introduced so the students have a foundational base upon which to build when they take the upper-level Economics, Accounting & Finance required for their degree program. This course will introduce you to the key business concepts needed to manage an organization and ensure you develop basic literacy in the terminology of business. The class focuses on learning the fundamental vocabulary, ideas, theories and concepts associated with each management knowledge area. This is an intensive course where students will work through numerous problem sets requiring basic math and algebra knowledge along with applying theory to assess different situations.

BSAD 53000 - Ethical Strategic Management (3)

Ethical Strategic Management is a capstone course that provides students an opportunity to apply managerial decisions that impact the success and performance of a business. Focusing on the formulation, implementation, and evaluation of business strategies through an ethical lens, this course integrates knowledge and skills gained from previous studies in various business disciplines emphasizing a comprehensive and strategic view of organizational management. This course aims to equip future leaders with the tools necessary for strategic thinking, decision-making, and effective management. This course is designed as the last course taken in the MBA program.

Prerequisite: BSAD 50800 and (BSAD 51000 or NURS 53000) and ACCT 55000 and ECON 55400 and FINA 57200 and (BSAN 50500 or NURS 53300)

BSAD 55800 - Human Resources Management (3)

The goal of this course is to enable students to understand the role of the human resources department. This includes recruiting and selecting, training and development, industrial relations, compensation techniques and strategies.

Prerequisite: or BSAD 50800

BSAD 58800 - Employment Law (3)

This course emphasizes current employment law. Major focus is on understanding, interpreting and making employment decisions in light of relevant laws. Contemporary employment issues, such as job discrimination, employment contracts and collective bargaining will be included.

Prerequisite: (BSAD 50800) or (FINA 51200)

BSAD 60100 - Legal, Social and Ethical Foundations of Business (3)

This course examines some important areas of law governing behavior in the business community. Students develop an understanding of how policy considerations and social and ethical values become articulated in specific legal terminology. Topics covered include contract law, regulatory law, sales law, paper law, corporation law, agency and employment, environment and community planning, consumer protection and ethical considerations. Note: Students who have completed undergraduate courses in Business Law 1 and Business Law 2 with a grade of B or higher in both may waive this course and substitute another course in the MBA program from Phase III.

BSAD 61100 - Managerial Communication (3)

This workshop course enables students to integrate communication theory and apply the various forms of written and oral communication skills required in business settings. Extensive practical application of the diverse forms of business communication with the aid of technology include written memos, e-mail messages, meeting management, collaborative reports and the incorporation of graphics. Multicultural aspects of the course include describing the challenges of international and cross-cultural business communication. Enhancing oral presentations with the use of multimedia PowerPoint slides is also covered. This course should be completed as early as possible in the program.

BSAD 63000 - Organizational Behavior and Development (3)

This course provides students with a study of organizational development applying principles and techniques of behavioral sciences through a program of planned change. Students are expected to master underlying theories of organizations, motivation, group learning and leadership effectiveness.

Prerequisite: or BSAD 50800

BSAD 67200 - Graduate Business Practicum (CPT) for International Students (3)

International graduate students may engage in temporary employment for the purpose of gaining practical experience directly related to their major field of study. Practicum fulfilling the Curricular Practical Training must be approved by the Program Director prior to registration, after an evaluation of the employment request and suitability of employer relative to the student's major area of study.

Business Analytics

BSAN 50400 - Quantitative Methods of Business (3)

This course is a survey of quantitative methods as they apply to the problems of business management, marketing, finance and economics. This course involves study and analysis of numerous methods such as linear programming, forecasting, queuing models, inventory analysis and project planning and control methods. Students are also introduced to probability and statistical concepts, measurements of central tendency and regression and correlation analysis. Equivalent: Three semester hours of Business Statistics and three semester hours of Quantitative Methods for Business or Management Decision Science.

BSAN 50500 - Business Forecasting & Visualization (3)

This course introduces data-oriented forecasting models and their practical applications. Current data models popular in use for business predictive forecasting are studied. A comprehensive understanding of predictive analytics approaches is provided with real-world data. Students learn various business forecasting models and required methods to analyze business data with hands-on mainstream software applications. Techniques for presenting forecasting model findings with current data visualization tools are discussed.

BSAN 50600 - Current Topics in Information Technology (3)

Current information technology topics are surveyed and analyzed. Hardware, software and communication systems used to process, store and transmit information is studied and analyzed. Students learn how to manage information technology in today's network enterprises and global networks. Students read current print and electronic media articles in addition to text. Due to the dynamic nature of the computer field, there is no equivalent. Exceptions will be reviewed on a case by case basis.

BSAN 51500 - Business Process Automation and Programming (3)

Decision making and problem solving techniques for advanced business data processing scenarios are discussed. Students learn the current data acquisition, filtering, processing, and query methods for strategic business decisions. Automated solutions for increased business efficiency in the form of macros, scripts, and similar other techniques are explained.

BSAN 52100 - Systems Analysis and Design (3)

This course is a hands-on introduction to the first three phases of the system development lifecycle: 1) planning/initiation, 2) analysis, and 3) design. Students will learn how to analyze a business case, conduct a preliminary investigation, model business requirements using various tools, select a development strategy, and create a requirements document. Students will use the logical models and documentation created in this course as blueprints for the system development in other courses.

BSAN 52500 - Enterprise Data Warehousing and Decision Support (3)

This course explores the strategic role of enterprise data warehousing and decision support systems in enabling data-driven business decision-making. Students will learn to design, implement, and manage data warehouses that consolidate and organize enterprise-wide data to support key business functions. The course emphasizes the practical applications of data warehousing in areas such as performance management, customer analytics, financial reporting, and operational efficiency.

BSAN 53600 - Business Data Warehousing (3)

This course introduces the foundations of data warehousing concepts. Business data warehouse development methodology and data warehouse planning stages are discussed. Identification of business requirements, feasibility analysis and development of logical data warehouse models will be discussed. The students will learn the development of the data architecture as well as the implementation and administration of the data warehouse.

Prerequisite: BSAN 59400

BSAN 53800 - Visualizing Information (3)

The students will have an in-depth understanding of the visualization techniques for business data. Several data visualization techniques for improved decision-making and problem-solving will be discussed. The students will learn how to transform complex categorical data to equivalent easy-to-use visual representation. Current tools and development environments will be discussed.

BSAN 54000 - Data Mining for Business Decisions (3)

This course is a hands-on study of the current data mining techniques for business decisions. The discussed methodology includes decision trees, rule-based reasoning, neural networks, and cluster analysis. The techniques are demonstrated with data from finance, marketing, operations, economics, and other disciplines.

Prerequisite: BSAN 67900

BSAN 56200 - Operations Management (3)

This course focuses on competitiveness, with emphasis placed on the close coordination of business unit operational decision making and strategic planning. Topics covered include product process design, inventory management, quality management, forecasting and statistical quality control. Operations management is an interesting mix of managing people and applying sophisticated technology. The goal is to efficiently create wealth by supplying quality goods and services.

Prerequisite: (BSAN 50400) and (BSAD 50800 or BGEN 52000)

BSAN 56400 - Coordinating and Managing Supply Chains (3)

This course focuses on operational coordination within a firm and gradually transitions to include inter-function, inter-firm and international coordination. Specific modules focus on retail operations and the role of supply chain intermediaries, for example, distributors and sourcing agents. The impact of incentives and market imperfections, and the changing impact of the Internet and other information technology on supply chain operations are emphasized.

Prerequisite: BSAN 56200

BSAN 56900 - Supply Chain Management Analytics (3)

The students will learn the business analytic tools to help with supply chain optimization. The course introduces the techniques and the industry applications for strategic and operational issues of supply chain management. The course covers the data management practices for a globally connected business.

BSAN 59400 - Database Management (3)

This course is an introduction to database management systems. Fundamentals of database models are discussed. Designs and issues concerning storage, access and management of data and information are explored.

BSAN 67500 - Introduction to Healthcare Informatics (3)

This course introduces the use of current information technology for healthcare and health data systems. It is designed to give the student an understanding of the different types of data captured, analyzed, maintained and processed for medical studies.

BSAN 67600 - Healthcare Data Security, Privacy and Confidentiality (3)

This course examines the current legal environment for confidentiality of healthcare data. It introduces the laws, regulations, policy and procedures for protecting sensitive patient data. The students learn risk assessment and how to address potential threats in a healthcare setting. Security policy and procedure development methods to secure the healthcare data as required by current laws are discussed in detail.

BSAN 67700 - Healthcare Data Analysis and Design (3)

Designed for the in-depth study of the healthcare systems, this course teaches systems analysis and design specifically for the healthcare data. The students learn how to identify business problem statements for healthcare organizations, how to identify data requirements, and how to gather data for detailed systems analysis. Systems development techniques to address business problems by improving existing information systems or developing new information systems are explained. Data manipulation concepts for health information systems are introduced.

BSAN 67900 - Business Intelligence and Data Analysis (3)

This course introduces students to the current data mining and business intelligence tools for informed decision making. The tools to process and analyze increasingly complicated data sets are explained. Real-life scenarios from finance, CRM, operations, social media marketing, information systems and other disciplines are studied in detail. Specifically decision trees, classification, clustering, segmentation, decision support systems, search algorithms, data mining, factor and discriminant analysis and optimization concepts for both structured and unstructured data are discussed.

BSAN 68500 - MIS Capstone (3)

This course explores the strategic role of enterprise data warehousing and decision support systems in enabling data-driven business decision-making. Students will learn to design, implement, and manage data warehouses that consolidate and organize enterprise-wide data to support key business functions. The course emphasizes the practical applications of data warehousing in areas such as performance management, customer analytics, financial reporting, and operational efficiency.

BSAN 69500 - Business Analytics Capstone (3)

This course will allow students to demonstrate proficiency in business analytics with a semester project. The students are expected to employ the skills presented throughout the curriculum in an organized manner to solve realistic business data management problems. Mastery of skills for the student's identified concentration is expected.

Prerequisite: (BSAD 52000 (may be taken concurrently)) and (BSAN 50400 (may be taken concurrently)) and (BSAN 67900 (may be taken concurrently)) and (BSAN 59400 (may be taken concurrently)) and (BSAN 53600 (may be taken concurrently)) and (BSAN 53800 (may be taken concurrently)) and (BSAN 54000 (may be taken concurrently)) and (BSAN 50500 (may be taken concurrently))

Finance

FINA 51200 - Financing the Business Enterprise (3)

This course introduces students to fundamental financial analysis techniques used in security valuation and capital budgeting. It also covers capital structure and issues related to dividend policy. Equivalent: Three semester hours of Business Finance.

FINA 57000 - Quantitative Techniques for Financial Markets (3)

Probability and statistical techniques as applies to financial markets. Topics will replicate those for CFA® Level I program and typically include correlation and regression in the prediction and evaluation of investment performance.

FINA 57200 - Managerial Finance (3)

Students apply corporate finance theory from a management perspective. Analysis of financial statements, mergers and acquisitions and leasing are emphasized.

Prerequisite: BGEN 52000

FINA 57900 - Investment Analysis (3)

An overview of risk and return for various financial instruments is presented, consistent with the learning objectives for Level I of the CFA Exam. Topics also covered include the mechanics of security trading, market efficiency and fundamental analysis of equities.

Prerequisite: FINA 57200

FINA 58400 - Derivatives 1 (3)

The use of futures, options, and swaps in hedging and speculation is covered. Pricing theory, applications, and operational issues will be introduced.

Prerequisite: FINA 57200

FINA 58600 - International Finance (3)

This course investigates many of the issues facing the international business firm. Topics covered include exchange rate determination, risk management and the interaction of foreign exchange and capital markets.

Prerequisite: FINA 57200

FINA 60000 - Portfolio Management (3)

Quantitative and qualitative techniques for evaluating portfolios are presented consistent with the learning objectives for Level I of the CFA Exam. Traditional mean-variance analysis and more recent developments in portfolio theory are introduced. Measures of portfolio performance are covered.

Prerequisite: FINA 57900 and (FINA 57200)

FINA 60300 - Financial Statement Analysis (3)

This course primarily covers the use of financial statements in analyzing a firm and its securities. Topics will replicate those for the CFAandreg; Level I program and typically include cash flow analysis, earnings computations, and liability classifications including off-balance-sheet debt.

Prerequisite: (FINA 57200) and ACCT 55000

FINA 60400 - Quantitative Techniques for Financial Markets (3)

Probability and statistical techniques as applies to financial markets. Topics will replicate those for CFAandreg; Level I program and typically include correlation and regression in the prediction and evaluation of investment performance.

Prerequisite: (FINA 51200 (may be taken concurrently)) or (BSAD 52000 (may be taken concurrently))

FINA 67000 - Healthcare Finance and Economics (3)

This course is designed to give the student an understanding of the economic complexities and financial management in hospitals and healthcare fields. Current economic and financial issues for healthcare providers are also discussed.

Prerequisite: or FINA 51200 and ACCT 65000 and ECON 50200) or (BSAD 52000)

FINA 67200 - Graduate Business Practicum (CPT) for International Students (3)

International graduate students may engage in temporary employment for the purpose of gaining practical experience directly related to their major field of study. Practicum fulfilling the Curricular Practical Training must be approved by the Program Director prior to registration, after an evaluation of the employment request and suitability of employer relative to the student's major area of study.

FINA 69500 - Financial Management Strategies-Capstone (3)

Prerequisite: FINA 57000 and FINA 57200 and FINA 57900 and FINA 58400 and FINA 58600 and FINA 60200

Organizational Leadership

ORGL 50900 - Leadership: Theories, Practices and Context (3)

This course provides an analysis of foundational theories and practices of leadership, emphasizing the application of theoretical concepts to real-life leadership situations. Also examined are the impact of organizational history and structure on today's leadership challenges.

ORGL 51200 - Assessing Leadership Skills (3)

This dynamic course offers a journey into the realm of leadership self-assessment and discovery, empowering students to explore their unique leadership potential and articulate their individual leadership style. Through the exploration of diverse leadership assessments, personal and professional experiences, values, and attitudes, learners will gain insights into their leadership capabilities. By delving into various inventories designed to identify and evaluate leadership competencies, students embark on a process of self-discovery, discussion, and analysis. Through engaging discussions, interactive activities, and reflective exercises, students not only uncover their leadership strengths but also develop a deeper understanding of their leadership style and its impact on organizational dynamics. This course serves as a catalyst for personal and professional growth, equipping students with the tools and knowledge to thrive as effective leaders in today's dynamic and evolving landscape.

ORGL 51900 - Communication, Persuasion, Motivation, & Engagement (3)

This course will explore the complex interplay between communication, persuasion, influence, and motivation, and their impact on organizational behavior. Students will gain skills to become strategic communicators and influencers within organizations. Students will also examine various motivational theories and explore how these theories can be used to motivate and engage individuals and groups. This will be examined through the lens of systems thinking and the importance of being aware of the complexity of organizations as a whole system.

ORGL 52400 - Leading Change (3)

This course engages students in their discovery of skills, practices and theories related to organizational change. Students will identify key factors influencing organizational change, learn skills to minimize resistance to change and analyze key competencies of effective change leaders. Case studies will be examined as the course compares/contrasts different change models and distinguishes key success factors in making change efforts last within our organizations. Using their newly learned resources, students will develop a change leadership "roadmap" that integrates key learning objectives and demonstrates their success as a change leader. Psychometric instruments used in this course include: Tolerance for Ambiguity Scale, Big Five Personality Test.

ORGL 53100 - Introduction to Change Management (3)

This course provides students with an in-depth understanding of the principles and practices of change management. Building on foundational knowledge of change management, students will develop skills in leading and managing complex organizational change initiatives. Topics covered include advanced change management frameworks and models, organizational culture and change, stakeholder engagement and communication, change leadership and sponsorship, resistance management, change measurement and evaluation, and change sustainment.

ORGL 53200 - Change Management Implementation (3)

This course provides students with the practical skills and knowledge needed to apply change management principles and practices in real-world settings. Building on foundational knowledge of change management, students will gain hands-on experience in managing change initiatives and developing change management strategies that align with organizational objective.

Prerequisite: ORGL 53100

ORGL 53850 - Leading Diverse Teams and Conflict Management (3)

A complex, interconnected world requires diverse and dynamic teams to address challenges and produce the work product necessary in today's organizations. This course explores the role of teams within organizations as well as the need for hybrid and virtual teams. Leadership and communication are critical for team success; however, when issues arise, teams need to manage conflict. The diversity of teams can lead to greater innovation and creativity yet can also contribute to conflict on the team. The course will investigate how leadership, communication, and conflict management can be used to develop high-performing teams and a culture of continuous improvement.

ORGL 54600 - Introduction to Professional and Executive Coaching (3)

This course provides an overview of organizational and leadership coaching and introduces students to the 11 coaching competencies, their significance, and how to apply them in working with coaching clients. It also provides context for coaching credentials, niches and specialties, professional connections, and organizing yourself as a coach. The course provides an introduction to the role and application of ethics and standards in the professional coaching environment. It is a foundational class that will assist students in developing the knowledge and resources needed to handle ethical dilemmas that present themselves in the coach-client relationship.

ORGL 54750 - Coaching Methodologies, Assessments, and Research (3)

This course teaches students how to apply various different coaching models and techniques to real-world coaching scenarios. The models offer a useful, powerful structure and steps to follow in the coaching process. Students will learn how to incorporate systems elements into coaching within organizational settings. Students will learn about qualitative and quantitative research practices and discuss how these are applied to the field of coaching. This course also provides students with an overview of how to use leadership assessments in a coaching relationship. These leadership assessments are often used in coaching to develop the client's awareness, to jump start the initial phase of the coaching, and to provide data for goal setting and return on investment. Prerequisite: ORGL 54600

ORGL 56200 - Introduction to Strategic Human Resource Management (3)

This course prepares students to take a national certification exam through the Society for Human Resource Management (SHRM). Students will engage in an in-depth exploration of the critical role that human resource management (HRM) plays in achieving strategic business objectives. Students will develop a comprehensive understanding of the strategic nature of HRM and the essential tools and techniques necessary for effective HR strategy implementation.

ORGL 56300 - Fostering Civility, Equity, Inclusion, and Belonging in the Workplace (3)

Diversity, equity, inclusion, and belonging help you develop the critical knowledge and skills to become an agent of strategic organizational change and inclusion. Students will learn how to identify, manage, and promote diversity, equity, and inclusion within organizations, as well as how to address bias and marginalization to cultivate a diverse and inclusive workplace community that inspires a culture of belonging.

ORGL 57300 - Independent Inquiry (1)

This course is an experiential and theoretical exploration in an area of focused study regarding organizational development. Independent inquiry is directed by a member of the faculty. Students with well defined interest areas and practicum directions are encouraged to consider this mode of learning. Contact the program director for more information.

ORGL 57700 - Introduction to Training and Development (3)

Training involves the identification of essential skills and outcomes, understanding both the systemic and human side of the enterprise, and skills in both design and delivery of learning. This course engages those topics and develops the skills essential to design and delivery of training. This course focuses on development of outcomes and competencies, and identification of best-practices and benchmark efforts. Consideration is also given to the notion of organizational learning.

ORGL 57800 - Managing and Implementing Training and Development Initiatives (3)

This course focuses on the skills, and abilities needed by training and development professionals to ensure talent development is a primary mechanism driving organizational performance, productivity, and operational results.

Prerequisite: ORGL 57700

ORGL 57900 - Selected Topics (3)

Courses of particular interest to students are developed by the faculty and delivered throughout the year. Small groups of students are encouraged to gather for discussion of particular topics with members of the faculty.

ORGL 58100 - Foundations of Organizational Consulting (3)

This course explores the foundations of organizational consulting and the roles of internal and external consultants. Topics include the history of consulting, scoping and pricing projects, writing proposals and preparing contracts, and successfully navigating the consulting lifecycle from client entry, diagnosis, and from development to implementation and exit.

ORGL 58150 - The Business of Consulting (3)

This course explores the challenges of building a successful consulting practice and being an effective organizational consultant. Topics include creating a value proposition, building a brand, setting a strategy and implementing an operating model for a consulting practice as well as consulting competencies, ethical guidelines and professional development strategies for consultants.

Prerequisite: ORGL 58100

ORGL 59100 - Ethics, Critical Thinking, and Decision Making (3)

This course delves into the core principles of ethical leadership, critical thinking, and strategic decision-making in today's complex, global organizations. Ethical leadership has been proven to enhance employee engagement, organizational success, and long-term sustainability. Leaders must develop the ability to analyze diverse perspectives, values, and ethical frameworks to navigate modern challenges effectively. Through real-world case studies and industry applications, students will hone their ethical reasoning skills to make data-informed decisions that align with organizational goals. This course equips professionals with the tools to apply ethical leadership models, foster responsible decision-making, and drive positive change in their organizations.

ORGL 59200 - Workplace Research: Critical Thinking and Decision Making (3)

This course provides students with processes and techniques for conducting applied research in the workplace, evaluating various programs and initiatives at work, and critically evaluating and interpreting data to create informed decisions. It focuses on developing decision-making skills and methodologies for examination, evaluation, and prioritization of workplace information. It takes a practical approach to research, prepares students to evaluate the quality of workplace research instruments and data, and builds a foundation for aligning organizational objectives to workplace data.

ORGL 59500 - Capstone: Leadership and the Future (3)

This three-credit course provides an opportunity for students to apply theory and learning from the MAOL program to the introduction of a collaborative change intervention in a real-life, organizational setting. By studying workplace scenarios and issues, students explore a vision for continuous improvement in the study of leadership. The Capstone process, which involves the student in conducting a detailed case analysis, includes a paper and presentation.

Project Management

PROJ 51000 - Foundations of Project Management (3)

This course is designed to facilitate an introductory approach to project management and all the essential concepts from both theoretical and applied perspectives. Other concepts discussed in this course are: PM foundations (define the project, project management, and the role of the project manager); project initiation (creating a charter and identifying stakeholders); project planning (creating a scope statement, building a WBS, identifying resources); and creating a PM plan along with some key subsidiary plans.

PROJ 52000 - Project Communication (3)

This course provides comprehensive knowledge and skills for project communications and stakeholder engagement. Students will master theoretical and applied skills in communication planning, distributing, and managing projects. This course will draw from the following: communication methods for stakeholders; team-building processes and high-performance building teams; and building an effective project communication plan.

Prerequisite: PROJ 51000 (may be taken concurrently)

PROJ 53000 - Project Leadership in Teams (3)

The use of teams has increased in organizations around the world, but in project management they are an essential component. The project leader must forge a team and ensure that it functions as a cohesive unit to achieve goals and objectives under preset project constraints. The objective of this course is to prepare students for the professional work environment they will encounter upon graduation. It will prepare them for Project Management careers as productive project team members and eventually skilled project leaders and managers.

Prerequisite: PROJ 51000

PROJ 53500 - Project Communications (3)

This course provides comprehensive knowledge and skills for project communications and stakeholder engagement. Students will master theoretical and applied skills in communication planning, distributing, and managing projects. This course will draw from the following: communication methods for stakeholders; team-building processes and high-performance building teams; and building an effective project communication plan.

Prerequisite: PROJ 51000

PROJ 54000 - Organizational Behavior and Projects (3)

This course details the relationships between organizations that create, host and manage projects. Students are introduced to core concepts such as organizational structure, complexity, change management, trust, motivation and incremental innovation. Organizational behavior is the study of both group and individual performance and activity within an organization. Projects are a key vehicle for the execution of organizational strategy, and the effectiveness of that execution is determined to a large extent by governance in projects; project scope management; ethics and professionalism; and project handover, closeout and reviews.

Prerequisite: PROJ 51000 and PROJ 53000 and PROJ 53500 and PROJ 56000

PROJ 55000 - Project Governance (3)

The development and implementation of project governance is key at the onset of the project. Project governance is essentially the “recipe” for the project manager on how to manage a project. This course provides an integrated introduction to enterprise project, program management and project governance. It also focuses on change management.

Students learn the fundamental aspects of modern project management, both managerial and technical from the lens of governance. The key topics associated with this course are organizational governance of projects, governance in projects, governance of the project, and change management. Other concepts discussed in this course are: project scope management, ethics and professionalism, and project handover, closeout, and reviews.

Prerequisite: PROJ 51000 and PROJ 53000 and PROJ 53500 and PROJ 56000

PROJ 56000 - Agile Project Management (3)

Agile Project Management (APM) is an iterative approach to planning and guiding project processes. Agility refers to the ability of an organization to rapidly react to unpredictable scenarios, and within the context of product development, responding to unclear requirements. There are several industry domains where agility is being practiced, such as manufacturing, engineering, software development, and supply chain management. This course provides students with a comprehensive overview of the principles, processes, and practices of agile project management. Knowledge of agile development frameworks and agile tools and techniques are introduced. Additional course discussion will include multidisciplinary review of agile literature, agile project management principles, comparison of agile and traditional PM models, and SCRUM.

Prerequisite: PROJ 51000

PROJ 57000 - Project Stakeholder Engagement (3)

This course focuses on the understanding and the application of the stakeholder interface with special emphasis on leadership to ensure customer satisfaction, and sustainability. Definitions are discussed as a starting point to identifications of members of the project community, followed descriptions of communications approaches to engage them. Effective stakeholder engagement delivers value to the organization. This course can draw from the following: identifying and engaging stakeholders; managing global projects; and project leadership.

Prerequisite: PROJ 51000 and PROJ 53000 and PROJ 53500 and PROJ 56000

PROJ 58000 - Special Topics in Project Management (3)

This course focuses on emerging trends and reviews unique methodologies and approaches to project management. This course also provides an opportunity to teach and develop PM simulation and modeling tools. Students are exposed to advanced research methods and contribute to original research in the emerging PM areas. Additional course discussion will include: Scrum, LEAN, Capability Maturity Model Integration (CMMI), and Six Sigma; outsourcing, offshoring, and in-shoring; trends in information-technology tools: collaborative and social media tools; and crisis-management leadership and stakeholder engagement.

PROJ 61000 - Advanced Project Management (3)

This course introduces advanced topics regarding project schedule, risk and quality management, and cost control as well as providing essential knowledge of scheduling and other topics which include: advanced time, cost, risk, and quality estimating and planning; schedule estimation and management and earned schedule; risk management (identifying and quantifying risks, and risk-response plan); quality management (plan and quality analysis (control charts, Ishikawa diagram, audits)); and resource planning: estimating, balancing.

Prerequisite: PROJ 54000 and PROJ 55000 and PROJ 57000

PROJ 62000 - Project Procurement and Supply Chains (3)

Many organizations' projects are delivered through complex supply chains and networks. They have several suppliers, contractors, and customers. There is a substantial amount of project procurement involving these entities and a substantial amount of detailed planning and scheduling occurs. This course begins with an exploration of core principles of project procurement and expands to a consideration of how modern organizations expand their influence beyond simple contractual relationships by considering supply chains. Additional course discussion will include the processes for planning procurements, foundational knowledge of supply chains and developing a strategy, identifying project procurement needs, including make-or-buy analysis, negotiating and ensuring due diligence and an equitable process when contracting, and determining contract types, risks, and incentives.

Prerequisite: PROJ 54000 and PROJ 55000 and PROJ 57000

PROJ 67200 - Graduate Business Practicum (CPT) for International Students (3)

International graduate students may engage in temporary employment for the purpose of gaining practical experience directly related to their major field of study. Practicum fulfilling the Curricular Practical Training must be approved by the Program Director prior to registration, after an evaluation of the employment request and suitability of employer relative to the student's major area of study.

PROJ 69500 - Project Management Capstone (3)

This is a capstone course that provides an opportunity to demonstrate the principles of project management. The course integrates learning from the courses in the PM major with other academic courses taken and may involve interdisciplinary partnerships among university departments and/or industry. Contemporary project management utilizes the project management techniques along with modern improvements such as the most current versions of Micro-soft® Project Professional 2016, the sixth edition of the Guide to the Project Management Body of Knowledge (PMBOK® Guide), and many approaches derived from adaptive (Agile) project management. Contemporary project management also uses many tools and understandings that come from modern approaches to quality and communications, expanded role definitions, leadership principles, human strengths, and many other sources. Experiential learning is a key focus throughout this course.

Prerequisite: PROJ 51000 and PROJ 53000 and PROJ 53500 and PROJ 54000 and PROJ 55000 and PROJ 57000 and PROJ 61000 and PROJ 62000