Master of Project Management

Master of Project Management Core (24 credits)

Title	Description	Credits
Project Management	A problem-based, interdisciplinary course in project management skills and techniques needed to manage projects in a modern business environment. Prerequisite: graduate standing	3 credits
Cost and Value Managemen	A problem-based course that emphasizes project cost control and teaches students to apply techniques to control projects in business.	3 credits
Planning and Resource Management	A problem-based course that addresses elements of commercial law and procurement practices and their implications for project management.	3 credits
Commercial Law and Project Procurement	A problem-based course that addresses elements of commercial law and procurement practices and their implications for project management.	3 credits
Organizations	An examination of organizational theories and processes of organizational behavior.	3 credits
Interpersonal and Group Behavior	A human relations-based course that identifies the significant challenges that managing individuals on project teams represents.	3 credits
Strategy: Corporate, Business, and Project	A problem-based course that focuses on linking projects to overall corporate strategy.	3 credits
Management of Projects	A problem-based capstone course that integrates the themes necessary to appreciate the overall challenge of project management.	3 credits

Master of Project Management Elective Courses (6 credits)

Title	Description	Credits
Enterprise Architecture Foundations I	Theoretical foundations and practice of enterprise architecture.	3 credits
Enterprise	Develops additional capabilities for justifying enterprise architecture	3 credits

Architecture Foundations II	decision making.	
Enterprise Modeling	Theoretical foundations and practice of enterprise modeling.	3 credits
Engineering Across Cultures and Nations	Explores cultural differences and impact on business practices and team dynamics working on virtual project teams with global partner universities.	3 credits
Engineering Product Innovation	Develop competencies for leading new product/process development or participating in corporate spin-outs using entrepreneurial skills within a corporation.	3 credits
Project Team Leadership	This course focuses on the development of team leadership skills and the ability to solve team problems related to human interaction.	3 credits
Independent Study	Creative projects, including nonthesis research, which are supervised on an individual basis and which fall outside the scope of formal courses.	6 credits
Introduction to ERP and Business Processes	A problem-based, interdisciplinary course on Enterprise Resource Planning (ERP) concepts and business processes.	3 credits
Operations Planning and Control	Aggregate production planning procedures, disaggregation methods in hierarchical production planning, master production scheduling, material requirements planning, lot-sizing, and capacity planning.	3 credits
Purchasing and Materials Management	Purchasing policies, procedures, order specifications and agreements, supplier selection, and the role of purchasing in production planning and inventory management.	3 credits
Electronic Business Management	A problem-based exploration of the various electronic business tools and technologies required to efficiently manage a supply chain.	3 credits
Supply Chain Management	Introduction to the strategic framework, issues, and methods for integrating supply and demand management within and across companies.	4 credits