ITM 6450 - Decision Making with Enterprise Systems
Credit(s): 3 Credits
This course will focus on developing and implementing business strategies in a simulated market using ERP systems. Students will learn how to conduct data visualization and business analytics using business data generated in SAP ERP and derive operational, tactical, and strategic decisions from the data. The classroom experience is the center of the course. The course will use tools such as SAP ERP, R Studio, Excel, and Tableau to apply visualization and analytic techniques. Students will also gain exposure to process modeling and the managerial issues related to business process integration, such as change management during SAP implementation.
Attributes: MBA Information Tech Mgmt Conc

ITM 6500 - Managing Cybersecurity in Organizations
Credit(s): 3 Credits
This course will help students to develop the skills required to manage a cybersecurity program to effectively cope with rising threats. The course is designed primarily for MBA students who will become managers or business professionals in a network e-business enterprise. Offered fall and spring.
Attributes: MBA Information Tech Mgmt Conc

ITM 6550 - Big Data in Organizations
Credit(s): 3 Credits
Through lectures, guest speaking series, readings, practical techniques, real-world examples, and hands-on exercises, we will explore the Big Data landscape, its ecosystem, market players, technologies involved, open source software and programs, methodology, step-by-step approach, to begin a corporate strategy around big data. We will show how to decompose current business strategies in order to link big data initiatives to the organization's value creation processes, and identify big data use cases. This course will help students understand the essentials of Big Data, directing them to various tools that can facilitate the big data usage in their organizations, and prepare them to be valuable Big Data professionals.
Attributes: MBA Information Tech Mgmt Conc

ITM 6700 - Advanced Business Analytics
Credit(s): 3 Credits
Business Analytics is the art of analyzing business data for decision making. Business analytics can be used to: predict future events, test alternative business scenarios, and monitor business performances. Advanced Business Analytics consists of using techniques and technologies such as Machine Learning to extract meaningful insights from raw data to quickly solve complex, data-rich business problems. Machine Learning can increase the power of decision making by extracting insights from large data. In this course, using R, students will learn the core concepts and different techniques of machine learning and related technologies.

ITM 6930 - Special Topics
Credit(s): 3 Credits (Repeatable for credit)
Attributes: MBA Information Tech Mgmt Conc

ITM 6980 - Independent Study
Credit(s): 1 or 3 Credits (Repeatable for credit)