

### Executive Master of Science in IT (EMIT)

Proposed Course Number	Proposed Course Title	IS&T Faculty Leads (Tentative)	Key topics/modules in course (*)	No. of Credit Hours	Number of Saturdays (F2F)	Contact Hours		Total Credit Hours			
						F2F	Online				
EMIT 8000	Managing and Leading in a Digital World	Dr. Deepak Khazanchi	Overview/Orientation; Challenges of Managing in a Digital World; Information Technology (IT) Leadership in a Global Context; Building a Global Mindset	2	2	20	10		FALL 2018	Integrated Project Experience	
EMIT 8500	Managing and Leveraging Emerging Technologies	Dr. George Royce	Managing Emerging Technologies including BYOD, Cloud and Mobile Infrastructure; Lean IT ; Process Reengineering with IT	2	2	20	10				
EMIT 8100	IT Strategy and Change Management	Dr. Julie Johnson	IT Strategy; IT-enabled Change Management; Project Management; Operational vs. Strategic IT Decision Making	2	2	20	10				
EMIT 8200	Managing Information Technology Innovation	Dr. Doug Derrick	Increasing Individual Creative Capacity: Techniques to Improve Innovative Thinking; Innovation Management	2	2	20	10	8			
EMIT 8150	Big Data Analytics and Visualization	Dr. Sachin Pawaskar	Data Analytics, Data Mining and Visualization	2	2	20	10		SPRING 2019		
EMIT 8250	Managing Information Assurance	Drs. Gandhi, Grispos, Hale, Mahoney, and Parakh	Organizational, Managerial and Technical Challenges in Information Assurance; Cloud and Mobile Security; IT Governance and Policy; Information Assurance Planning and Deployment	2	2	20	10				
EMIT 8350	Enterprise Computing in the Era of Big Data	Dr. Christian Haas	Enterprise Systems Architecture in the context of Big Data	2	2	20	10				
EMIT 8050	IT Leadership	Dr. Danielle Crough, SPHR	IT Leadership vs. Traditional leadership; Authentic Leadership for IT Leaders; Personal Leadership Development Plan	2	2	20	10	8			
EMIT 8300	Systems Development and Maintenance	Dr. Harvey Siy	Systems Development Methodologies (Agile and Beyond); Living with Legacy Systems: Techniques for maintaining and understanding old software	2	2	20	10		SUMMER 2019		
EMIT 8400	Leading Teams and Managing Virtual Work	Dr. Gina Ligon	Group dynamics; Responsibilities of team membership & leadership, particularly in virtual teams; Best practices for managing global virtual teams; Collaboration engineering	2	2	20	10				
EMIT 8450	Evaluation of Enterprise IT	Mr. Thomas Dilger (MCI, Austria)	Evaluation of IT - Creating Value for the Organization (including Accounting/Finance/Budgeting for the IT function)	2	2	20	10				
EMIT 8700	Emerging Challenges for IT Executives	Dr. Matt Germonprez	Managing Sourcing Relationships; Global IP and Licensing Issues with IT; Managing Open Source Software Development	2	2	20	10	8			
EMIT 8990	Integrated EMIT Capstone Project	Coordinated by the EMIT Executive Director	Integrated Project Experience	6	1			6			
			Final Project Presentations								
				TOTAL	25			30			