School of Industrial Engineering and Management
Engineering Management
E - Even; O - Odd; Sp - Spring; Su - Summer; Fa - Fall; DL - Distance Learning

Core	Must include all 6 core courses in POS, receive B or better in at least 4			
Number	**Course Name**	**Sem**	**DL**	**Prerequisites**
5003	Probability and Statistics for Engineers	Fa	Y	STAT 4033 or IEM 3103
5413	Managing Engineering and Technical Functions	Sp	Y	
5503	Financial & Advanced Capital Investment Analysis	Fa	Y	IEM 3503, IEM 4013, IEM 5003
5603	Project Management	Su, Fa	Y	
5763	Supply Chain Strategy	Sp	Y	IEM 4613
5813	Performance Measurement Systems	Fa	Y	

Supporting	Non-Thesis option must include at least 2 supporting courses in POS; Supporting courses not required for the thesis option			
Number	**Course Name**	**Sem**	**DL**	**Prerequisites**
5013	Introduction to Optimization	Fa	Y	IEM 4013
5103	Breakthrough Quality	Sp	Y	IEM 5003
5113	Strategic Quality Leadership	Fa	Y	IEM 5003
5123	Service Quality	O-Sp	Y	
5133	Stochastic Processes	Sp	N	MATH 2233, MATH 3013, STAT 5123 or IEM 5003
5143	Reliability & Maintainability	E-Sp		STAT 4033, IEM 5003
5203	Facility Location, Warehousing, & Transportation	Sp	N	IEM 5003 and IEM 5013
5613	Integrated Manufacturing Control Systems	Fa	Y	IEM 4613
5633	Advanced Production and Inventory Control	Fa	N	IEM 4013, IEM 5763
5703	Discrete Systems Simulation	Sp	Y	IEM 5003
5723	Data, Process, and Object Modeling	Sp	N	Graduate standing or consent of instructor
5783	Applied Statistical Analysis in R for Engineers	Fa	Y	IEM 5003, IEM 5013
5953	Industrial Assessment and Improvement	Fa	Y	