

Engineering Management - Master's Program - Course Schedule

Course Number	Credit Hours	Course Title	Prerequisites per Graduate Catalog									
				SP18	SU18	FA18	SP19	SU19	FA19	SP20	SU20	FA20
EM 501	3-6	Capstone		x	x	x		x	x			x
EM 532	3	Productivity & Quality Engineering	NA		x			x				x
EM 533	3	Theory & Practice of Engineering Management	NA	x		x				x		
EM 534	3	Financial Management for Engineering Manager	NA	x		x				x		
EM 536	3	Project Management	NA		x			x			x	
EM 537	3	Analytical Methods for Engineering Managers* (for students without UG in IE)	NA			x			x			x
EM 538	3	New Venture Formation	NA	x		x				x		
EM 539	3	Strategic Management in Technical Organizations	NA			x			x			x
EM 541	3	Managing Change & Improvement in Technical Organizations	NA	x			x			x		
EM 542	3	Design of Experiments for Engineering Managers	IE516						x			
EM 543	3	Legal & Ethical Aspects of Engineering Mgmt	NA			x			x			
IE 514	3	Information Systems	NA									
IE 515	3	Production and Inventory Systems	402 or instructor consent									
IE 516	3	Statistical Methods in IE*	rec bkgd Statistics	x		x			x			x
IE 517	3	Reliability of Lean Systems	IE 516	x			x			x		
IE 518	3	Adv. Engineering Economic Analysis*	IE405	x			x			x		
IE 522	3	Optimization Methods* (for students with UG in IE)	Rec bkgd Linear Algebra	x			x			x		
IE 526	3	Advanced Systems Modeling & Simulation	NA			x			x			x
IE 527	3	Lean Production Systems	IE 515 or instructor consent									
IE 550	1	Graduate Seminar		x		x	x		x	x		x

* Quantitative

2/19/2018

Schedule is subject to change without notification