

Engineering Management (MR): Supply Chain Engineering & Management Concentration

Degree Requirements

Core Requirements

Code	Title	Hours	Counts towards
Required Courses		15	
ISE/OR 501	Introduction to Operations Research		
Select one of the following courses:		3	
ST 513	Statistics for Management and Social Sciences I		
ST 515	Experimental Statistics for Engineers I		
ST 516	Experimental Statistics For Engineers II		
ST 517	Applied Statistical Methods I		
ST 518	Applied Statistical Methods II		
Select one of the following courses:		3	
EGR 501	Engineering Leadership and Strategic Change		
COM 530	Interpersonal Communication in Science and Technology Organizations		
COM 527	Seminar in Organizational Conflict Management		
COM 556	Seminar In Organizational Communication		
Select one of the following courses:		3	
EM 530	Project Management		
CE 561	Construction Project Management		

EGR 590 Special Topics in Engineering (Engineering Project Management)

BUS 554 Project Management

Select one of the following courses: 3

ISE 510 Applied Engineering Economy

EGR 505 Managerial Finance for Engineers

CE 567 Risk and Financial Management in Construction

Concentration Requirements

Code	Title	Hours	Counts towards
Required Course		15	
Select four of the following courses:		12	
ISE 511	Decision Making and Game Theory for Supply Chains		
ISE 513	Humanitarian Logistics		
ISE 535	Python Programming for Industrial & Systems Engineers		
ISE 552	Design and Control of Production and Service Systems		
ISE 553	Modeling and Analysis of Supply Chains		
ISE 754	Logistics Engineering		
MBA 541	Supply Management		
MBA 544	Operations Analysis		
MBA 546	Strategic Operations Management		
Select one of the following courses:		3	
MBA 549	Supply Chain Management Practicum		

