

Engineering Management (MR): General Concentration

Degree Requirements

Core Requirements

Code	Title	Hours
Required Courses		15
ISE/OR 501	Introduction to Operations Research	
Select one of the following courses:		
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:		
COM 530	Interpersonal Communication in Science and Technology Organizations	
COM 527	Seminar in Organizational Conflict Management	
COM 556	Seminar In Organizational Communication	
EM/EGR 501	Engineering Leadership and Strategic Change	
Select one of the following courses:		
BUS 554	Project Management	
CE 561	Construction Project Management	
EGR 590	Special Topics in Engineering (Engineering Project Management)	
EM 530	Project Management	
Select one of the following courses:		
CE 567	Risk and Financial Management in Construction	
EGR 505	Managerial Finance for Engineers	
ISE 510	Applied Engineering Economy	

Concentration Requirements

Code	Title	Hours
Electives		12
Select four of the following courses:		
Engineering electives with a College of Engineering prefix (includes CSC).		
Management electives with prefix of MBA, BUS, or MIE		
Other approved courses from MEM curriculum from other concentrations or as approved by the MEM Director. DSC courses at the 500+ level may count, along with up to 3 credit hours from 400-level DSC courses.		
Required Course		3
Select one of the following courses:		
EM 675	Engineering Management Masters Project	
EGR 508	Managing New Product Creation	
ISE 521	Healthcare Systems Performance Improvement II	
ISE 554	Introduction to Product Development	
ISE 677	Industrial Engineering Projects	

MAE 526	Fundamentals of Product Design
MBA 549	Supply Chain Management Practicum
MBA 559	Business Analytics Practicum
MBA 572	Venture Opportunity Analytics
Total Hours	30

Faculty

Director

Brandon M. McConnell, *Interim Director*

Full Professors

Sebastian Heese, *Owens Distinguished Professor of Supply Chain Management*

Jonathan Bohlmann, *Professor of Marketing and Innovation*

John Baugh, *Professor*

Joseph DeCarolus, *Professor*

Jingyan Dong, *Professor*

Shu-Cherng Fang, *Walter Clark Chair Professor and University Alumni Distinguished Graduate Professor*

Yahya Fathi, *Professor*

Rob Handfield, *Bank of America University Distinguished Professor of Operations and Supply Chain Management*

Ola Harrysson, *Edward P. Fitts Distinguished Professor*

Jessica Jameson, *Professor*

Edward Jaselskis, *E.I. Clancy Distinguished Professor*

Russell King, *Foscue Distinguished Professor*

Yuan-Shin Lee, *Professor*

Maria Mayorga, *Professor*

Rohan Shirwaiker, *James T. Ryan Professor*

Julie Swann, *A. Doug Allison Distinguished Professor and Department Head*

Daowen Zhang, *Professor*

Associate Professors

Karen Chen, *Associate Professor*

Adolfo R. Escobedo, *Associate Professor*

Xiaolei Fang, *Associate Professor*

Leila Hajibabai, *Associate Professor*

Tim Horn, *Associate Professor*

Michael Kay, *Associate Professor*

Tim Kraft, *Associate Professor of Operations and Supply Chain Management*

Osman Ozaltin, *Associate Professor of Personalized Medicine*

Daniel Saloni, *Associate Professor*

Jeffrey Stonebraker, *Associate Professor of Operations and Supply Chain Management*

Hong Wan, *Associate Professor*

Don Warsing, *Associate Professor of Operations and Supply Chain Management*

Xu Xu, *Associate Professor*

Assistant Professors

S Mohammad Hosseinian, *Assistant Professor*

Jordan Kern, *Assistant Professor*

Ben Rachunok, *Assistant Professor*

Sara Shashaani, *Assistant Professor*

Renran Tian, *Assistant Professor*

Associate Research Professor

Christopher D. Rock, *Associate Research Professor*

Teaching Professor

Corey Kiassat, *Teaching Professor*

Associate Teaching Professor

Meagan Kittle Autry, *Associate Teaching Professor*

S. Sebnem Ahiska King, *Teaching Associate Professor*

Fred Livingston, *Associate Teaching Professor*

Kanton Reynolds, *Associate Teaching Professor*

Teaching Assistant Professors

Donnie Hale, *Teaching Assistant Professor in Business Analytics*

Nur Ozaltin, *Teaching Assistant Professor*

Professor of the Practice

Steven DelGrosso, *Professor of the Practice*

Doug Morton, *Professor of the Practice*

James Rispoli, *Professor of the Practice*

Emeritus Faculty

Javad Taheri, *Associate Research Professor Emeritus*

Associate and Adjunct Faculty

Edwin Addison, *Adjunct Professor*

Lecturers

Ken Gregory, *Lecturer*

Dan Harris, *Lecturer*

Dan Kempton, *Adjunct Lecturer*

Robert Nunez, *Lecturer*