

Spring 2022 Engineering Management Course Offerings

On the next page is the list of relevant MIE and Isenberg spring courses most relevant to the Engineering Management program. You are also encouraged to consider further electives offered on campus and online throughout the university, as well as independent studies. This will allow you to follow your interests and gain the knowledge that best suits your career goals. You may, for instance, want to deepen your technical expertise in your STEM area by taking some graduate courses in that field.

Note:

- The core technical courses for the EM program are listed in green.
- The core technical courses for the EM program are listed in blue.
- Electives are shown in black.
- The Project Management and Leadership (PML) certificate courses are shown in bolded green.
 - These are also core management electives.
- The vanilla background corresponds to regular on-campus courses
- The light blue background corresponds to courses offered fully online, asynchronously.
- Remember that you can count at most three 500-level courses towards the MSEM degree
- The hybrid class has 5 live sessions, and the rest will be online
- Depending on your interests, you can choose to take electives that are more technical (requiring more math, data analytics, modeling, and programming) or lean more on management courses. The more technical courses listed are Stochastic Processes, Simulation-Based Optimization, Stochastic Models, Network Optimization and Facilities Design.
- **Online SCH-MGMT courses open on Nov. 22 for registration**
 - **All other courses open on Nov 8 for registration**

Subject	Course #	Title	Days	Time	Prof.	Room	Cr
MIE	532	Network Optimization	T-Th	2:30-3:45	Zakeri	ELAB 327	3
MIE	544	Facilities Design	T-Th	4:00-5:15	Smith	ELAB2 115	3
MIE	597/697AU	Industrial Automation	T-Th	10:00- 11:15	Lagrang	Hasbrouk Lab 104A	3
MIE	645	Project Budgeting and Finance for Engineers	MWF	11:15- 12:05	Schliemann	TBA	3
MIE	646	Fundamentals of Systems Engineering	TBA	TBA	Eddy	TBA	3
MIE	664	Engineering Leadership and Entrepreneurship	M-W	8:40-9:50	Crawley	ELAB 305	3
MIE	664	Engineering Leadership and Entrepreneurship	T-Th	8:30-9:45	Crawley	ELAB 327	3
MIE	684	Stochastic Processes	T-Th	1:00-2:15	Smith	ELAB 325	3
SCH-MGMT	597L	Negotiations	W	4:00-7:00	Labianca	ISOM 112	3
SCH-MGMT	597LG	Humanitarian Logistics & Health Care	TuTh	8:30-9:45	Nagurney	TBA	3
SCH-MGMT	597S	Sustainable Product	MWF	1:25-2:15	Barstow	ISOM 123	3
SCH-MGMT	697CV	Facing Dilemmas: Case Studies in Corporate Values	Tues	4:00-6:30	Johnson	ISOM 112	3
SCH-MGMT	783	Business Law (hybrid)*	M	6:00-9:00	Caruso	ISOM N220	3
SCH-MGMT	797AE	Stochastic Models	TuTh	11:30- 12:45	Solak	ISOM N220	3
MIE	532	Network Optimization	Online	Online	Zakeri	UWW	3
MIE	646	Fundamentals of Systems Engineering	Online	Online	Eddy	UWW	3
MIE	645	Project Budgeting and Finance for Engineers	Online	Online	Schliemann	UWW	3
SCH-MGMT	601	Data Management for	Online	Online	TBA	UWW	3
SCH-MGMT	602	Business Intelligence and	Online	Online	TBA	UWW	3
SCH-MGMT	632	Strategic Information	Online	Online	TBA	UWW	3
SCH-MGMT	644	Economic Analysis for Managers	Online	Online	TBA	UWW	3
SCH-MGMT	655	Data Mining in Business	Online	Online	TBA	UWW	3
SCH-MGMT	660	Marketing	Online	Online	TBA	UWW	3
SCH-MGMT	670	Operations Management	Online	Online	TBA	UWW	3
SCH-MGMT	680	Leadership & Org Behavior	Online	Online	TBA	UWW	3