

Admission Year	2023	Program	Master
Plan Type	Thesis	Semester	Summer
Hours	9	Item Type	Department Elective
Group NO	1	Max Registration hrs	9
Faculty	Hijawi For Engineering Technology		
Department	Industrial Engineering		
Special Department	Engineering Management		
Gender	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
IEM 616	Simultaneous Engineering	3		()	Blended
IEM 621	Human Factors and Product Design	3		()	Blended
IEM 644	Design of Quality systems	3		()	Blended
IEM 645	Complex Engineered Systems	3		()	Blended
IEM 646	Simulation Modeling and Analysis	3		()	Blended
IEM 647	Engineering and Technology Management	3		()	Online
IEM 648	Logistics and Supply Chain Analysis	3		()	Blended
IEM 649	Engineering Risk Analysis	3		()	Online
IEM 661	Lean and Agile Systems	3		()	Blended
IEM 662	Engineering Innovation and design	3		()	Blended
IEM 670	Special topics	3		()	Blended

Admission Year	2023	Program	Master
Plan Type	Thesis	Semester	Summer
Hours	24	Item Type	Department Mandatory
Group NO	1	Max Registration hrs	24
Faculty	Hijawi For Engineering Technology		
Department	Industrial Engineering		
Special Department	Engineering Management		
Gender	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
IEM 641	Modeling and optimization	3		()	Normal
IEM 642	Decision support systems	3		()	Normal
IEM 643	Maintenance Management Systems	3		()	Normal
IEM 651	Research and Statistical analysis	3		()	Normal
IEM 691	Project Management for Managers	3		()	Blended
IEM 699A	MASTER THESIS	0		()	Blended
IEM 699B	MASTER THESIS	3		()	Blended
IEM 699C	MASTER THESIS	6		()	Blended
IEM 699D	MASTER THESIS	9		()	Blended