Ahlia University
COLLEGE OF BUSINESS & FINANCE
MASTER OF SCIENCE IN ENGINEERING MANAGEMENT OFFERED BY THE GEORGE WASHINGTON UNIVERSITY

MSEM 23-24

MSEM 23-24 - Foundation * (3 CREDITS)

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	4197	Special Topics: Quantitative Methods in Engineering Management	6	0	3	
					3	

*If required.

MSEM 23-24 - FIRST YEAR (24 CREDITS)

First Semester

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	6001	The Management of Technical Organizations	6	0	3	
EMSE	6020	Decision Making with Uncertainty	6	0	3	
EMSE	6410	Survey of Finance and Engineering Economics	6	0	3	
EMSE	XXXX	Focus Course I in EMSE	X	X	3	
					12	

Second Semester

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	6801	Systems Engineering I	6	0	3	
EMSE	6995	Research	6	0	3	
EMSE	XXXX	Focus Course II in EMSE	X	X	3	
EMSE	XXXX	Focus Course III in EMSE	X	X	3	
					12	

MSEM 23-24 - SECOND YEAR (12 CREDITS)

First Semester

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	6099	Problems in Engineering Management & Systems Engineering Capstone Project	6	0	3	
EMSE	XXXX	Focus Course IV in EMSE	X	X	3	
EMSE	XXXX	Focus Course V in EMSE	X	X	3	
EMSE	XXXX	Focus Course VI in EMSE	X	X	3	
					12	

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MSEM 23-24

LIST OF FOCUS COURSES

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	6005	Organizational Behavior for the Engineering Manager	6	0	3	
EMSE	6026	Technical Enterprises	6	0	3	
EMSE	6035	Marketing Analytics	6	0	3	
EMSE	6505	Knowledge Management I	6	0	3	
EMSE	6992	Negotiation and Conflict Resolution	6	0	3	
EMSE	6770	Techniques of Risk Analysis and Management	6	0	3	
EMSE	6790	Logistics Planning	6	0	3	
EMSE	6820	Program and Project Management	6	0	3	
EMSE	6850	Quantitative Models in Systems Engineering	6	0	3	