

Ahlia University
COLLEGE OF BUSINESS & FINANCE
MASTER OF SCIENCE DEGREE IN ENGINEERING MANAGEMENT IN COLLABORATION WITH THE
GEORGE WASHINGTON UNIVERSITY
EMSE

EMSE - Orientation (3 CREDITS)

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	197	Special Topics: Quantitative Methods in Engineering Management	6	0	3	
					3	

EMSE - FIRST YEAR (24 CREDITS)

First Semester

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	001	The Management of Technical Organizations	6	0	3	
EMSE	410	Survey of Finance and Engineering Economics	6	0	3	
EMSE	020	Decision Making with Uncertainty	6	0	3	
EMSE	801	Systems Engineering I	6	0	3	
					12	

Second Semester

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	I XXX	Elective I in EMSE	X	X	3	
EMSE	II XXX	Elective II in EMSE	X	X	3	
EMSE	III XXX	Elective III in EMSE	X	X	3	
EMSE	992	Special Topics: Research Methods for the EM	6	0	3	
					12	

EMSE - SECOND YEAR (12 CREDITS)

First Semester

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	IV XXX	Elective IV in EMSE	X	X	3	
EMSE	V XXX	Elective V in EMSE	X	X	3	
EMSE	995	Research	0	12	6	EMSE 992
					12	

LIST OF PROGRAMME ELECTIVE COURSES

Course	Code	Course Title	Lec	Lab	Cr	Prerequisite
EMSE	005	Organizational Behavior for the Engineering Manager	6	0	3	
EMSE	026	Technical Enterprises	6	0	3	
EMSE	035	Marketing of Technology	6	0	3	
EMSE	505	Knowledge Management I	6	0	3	
EMSE	770	Techniques of Risk Analysis and Management	6	0	3	
EMSE	790	Logistics Planning	6	0	3	
EMSE	820	Program and Project Management	6	0	3	
EMSE	850	Quantitative Models in Systems Engineering	6	0	3	