

Engineering Management — MEM

This degree allows those who are currently working in an engineering-related field to expand their career potential and earn a degree that will pay dividends toward their future. The degree is applicable to individuals working in the aerospace, biosystems, chemical, civil, computer science and software, electrical and computer, industrial and systems, materials, mechanical and wireless industries.

Master of Engineering Management - Manufacturing Option

Code	Title	Hours
INSY 6600	Engineering Economic Systems	3
INSY 6800	Lean Systems	3
INSY 7970 or INSY 6250	Industrial and Systems Engineering Special Topics Project Management	3
INSY 6080	Human Factors Engineering	3
INSY 6330	Six Sigma	3
INSY 6840	Control of the Manufacturing Floor and Processes	3
INSY 7760 or BUSI 7140	Engineering & Technology Management Organizational Leadership, Ethics and Change	3
Select 9 Credits in INSY 6000-8999 or INSY-related @6000-8999 (Electives)		9
Total Hours		30

Master of Engineering Management - Occupational Safety and Ergonomics Option

Code	Title	Hours
INSY 6600	Engineering Economic Systems	3
INSY 6800	Lean Systems	3
INSY 7970 or INSY 6250	Industrial and Systems Engineering Special Topics Project Management	3
INSY 6080	Human Factors Engineering	3
INSY 6010	Occupational Safety Engineering	3
INSY 7060	Fundamentals of Ergonomics	3
INSY 7760 or BUSI 7140	Engineering & Technology Management Organizational Leadership, Ethics and Change	3
Select 9 Credits in INSY 6000-8999 or INSY-related @6000-8999 (Electives)		9
Total Hours		30

Master of Engineering Management - Product Innovation Option

Code	Title	Hours
INSY 6600	Engineering Economic Systems	3
INSY 6800	Lean Systems	3
INSY 7970 or INSY 6250	Industrial and Systems Engineering Special Topics Project Management	3
INSY 6080	Human Factors Engineering	3
INSY 7730	Product Design, Development, and Test	3
INSY 7740	Product Launch, Manufacturing, and Delivery	3
INSY 7760 or BUSI 7140	Engineering & Technology Management Organizational Leadership, Ethics and Change	3
Select 9 credits in INSY 6000-8999 or INSY-related @6000-8999 (Electives)		9
Total Hours		30

Master of Engineering Management - Systems Option

Code	Title	Hours
INSY 6600	Engineering Economic Systems	3
INSY 6800	Lean Systems	3
INSY 7970 or INSY 6250	Industrial and Systems Engineering Special Topics Project Management	3
INSY 6080	Human Factors Engineering	3
INSY 6100	Systems Engineering I (or INSY 7720)	3
INSY 7710	System Lifecycle Requirements	3
INSY 7760 or BUSI 7140	Engineering & Technology Management Organizational Leadership, Ethics and Change	3
Select 9 Credits in INSY 6000-8999 or INSY-related @6000-8999 (Electives)		9
Total Hours		30