

Industrial Management Engineering

Krannert School of Management Fall 2016

Program: MGMT-BSIM Code: IMEN

Credit Hours: 120

Graduation Index: 2.00 minimum Major Index: 2.00 minimum

Required Major Upper Division Courses (33 credits)

(3)	OBHR 33000 Organizational Behavior
(3)	MGMT 30500 Business Statistics (Prerequisite: STAT 22500 C- or higher)
(3)	MGMT 31000 Financial Management (Prerequisite: MGMT 20100 & ECON 25100 & STAT 22500 C- or
	higher)
(3)	MGMT 30600 Management Science (Pre or Co-requisite MGMT 30500 or STAT 35000 C- or higher)
(3)	MGMT 32400 Marketing Management (Prerequisite: MGMT 20100 & ECON 25100 C- or higher)
(3)	MGMT 35400 Legal Foundations of Business I
(3)	MGMT 36100 Operations Management (Prerequisite: STAT 22500 C- or higher)
(3)	MGMT 38200 Management Information Systems (Prerequisite: CS 23500 C- or higher)
(3)	MGMT 45100 Strategic Management (Prerequisite: MGMT 20100 & ECON 25100 C- or higher)
(3)	ECON 41900 Managerial Economics (Prerequisite: ECON 25100)
(3)	MGMT 44428 Human Resource Management (Prerequisite: MGMT 30500 or STAT 35000 C- or higher)
Major Selecti	ives* - Complete 5 of the following courses (15 credits)
(3)	IE 38600 Work Analysis and Design I (Prerequisite: MGMT 30500)
(3)	IE 55600 Job Design (Prerequisite: IE 38600 or IE 57700)
(3)	IE 55800 Safety Engineering (Prerequisite: IE 38600)
(3)	IE 57700 Human Factors in Engineering
(3)	IE 53000 Quality Control (Prerequisite: MGMT 30500)
(3)	IE 53300 Industrial Applications of Statistics (Prerequisite: MGMT 30500)
(3)	IE 54500 Engineering Economic Analysis (Prerequisite: MGMT 31000)
(3)	IE 54600 Economic Decisions in Engineering (Prerequisite: MGMT 31000)
(3)	IE 59000 Topics in Industrial Engineering
Other Depart	tmental /Program Course Requirements (63-66 credits, including MAI Core courses)
(1)	MGMT 29500 Professional Career MGMT (CC, C- or higher)
(3)	COM 11400 Fundamentals of Speech Communication ◊ *UC* satisfies Oral Communication for core
(3)	CS 23500 Organizational Computing (Co-rerequisite: MA 15400/MA 15910/MA 15800/ MA 16500/MA
	22300/MA 16010)
(3)	ECON 25200 Macroeconomics *UC* satisfies Behavioral/Social Science for core
(3)	ENGL 42000 Business Writing or ENGL 42100 Technical Writing (Prerequisite: ENGL 10600/ENGL 10800)
(4)	MA 26100 Multivariate Calculus (Prerequisite: MA 16200 C- or higher)
(3)	MGMT 20100 Management Accounting I (Prerequisite: MGMT 20000 C- or higher)
(3)	STAT 22500 Intro to Probability Models (Prerequisite: MA 16020 C- or higher)
(4)	Chemistry or Physics *UC* * satisfies Science for core (CC, C- or higher)
(3-4)	Chemistry or Physics *UC* * satisfies Science for core (CC, C- or higher)
(3)	PSY 12000 or SOC 10000
(3)	International Elective http://krannert.purdue.edu/undergraduate/current-
	students/International%20Electives.pdf
(3)	International Elective http://krannert.purdue.edu/undergraduate/current-
	students/International%20Electives.pdf
(3)	UC Human Cultures (Humanities) *UC* www.purdue.edu/provost/initiatives/curriculum/course.html
(3)	UC Science, Technology & Society *UC* www.purdue.edu/provost/initiatives/curriculum/course.html

 $^{{\}bf \lozenge}$ Completion prior to admittance to Upper Division strongly encouraged

^{*}UC* Fulfills University Core requirement

CC Critical Course to satisfy MAI requirements

Chemistry		(4cr)	Physics	17200 (4cr)		22000(4cr)
	11600	· ·	,	21800(4cr)		22100 (4cr)
				21900(4cr)		24100 (3cr)
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Completion prior to admittance to Upper Division strongly encouraged

^{*}UC* Fulfills University Core requirement

CC Critical Course to satisfy MAI requirements

Industrial Management/Engineering

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
4-5	MA 16100 or MA 16500 (CC)	ALEKS 085 or SAT MATH 650 or ACT MATH 29	4-5	MA 16200 or MA 16600 (CC)	MA 16100 or MA 16500
4	ENGL 10600/ ENGL 10800 (CC)		3	COM 11400	
4	CHM or PHYS (CC)	C- or higher	4	CHM or PHYS (CC)	C- or higher
3	PSY 12000 or SOC 10000		3	UC Humanities	
			1	MGMT 29500 (CC)	Must complete in the first or second year
15-16			15-16		, 2002
Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	MGMT 20000 (CC)		3	STAT 22500	MA 16200 C- or higher
3	ECON 25100 (CC)		3	MGMT 20100	MGMT 20000 C- or higher
4	MA 26100	MA 16200/MA16600 C- or higher	3	ECON 25200	
3	CS 23500	Co-requisite: MA 15400/MA 15910/MA 15800/ MA 16500/MA 22300/MA 16010	3	International Elective	
3	UC Science Tech & Society		3	General Elective	
16			15		
Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
Credits 3	Fall 3rd Year ENGL 42000	Prerequisite ENGL 10600 or ENGL 10800 D- or higher	Credits 3	Spring 3rd Year International Elective	-
		ENGL 10600 or ENGL 10800 D- or		International	Prerequisite Pre or co-req MGMT 30500 or STAT 35000 C- or higher
3	ENGL 42000	ENGL 10600 or ENGL 10800 D- or higher STAT 22500 C- or higher MGMT 20100 C- & ECON 25100 & STAT 22500 C- or higher	3	International Elective	Pre or co-req MGMT 30500 or
3	ENGL 42000 MGMT 30500 MGMT 31000 MGMT 32400	ENGL 10600 or ENGL 10800 D- or higher STAT 22500 C- or higher MGMT 20100 C- & ECON 25100 &	3	International Elective MGMT 30600 OBHR 33000 ECON 41900	Pre or co-req MGMT 30500 or
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The student is ultimately responsible for knowing and completing all degree requirements. The knowledge source for specific degree requirements and completion is myPurduePlan.

[♦] Completion prior to admittance to Upper Division strongly encouraged

^{*}UC* Fulfills University Core requirement

CC Critical Course to satisfy MAI requirements