

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 Selectives* - Complete 5 of the following courses (15 credits)

- _____ (3) MGMT 41100 Investment Management (**Prerequisite: MGMT 31000 C- or higher**)
- _____ (3) MGMT 41200 Financial Markets and Institutions (**Prerequisite: MGMT 31000 C- or higher**)
- _____ (3) MGMT 41500 International Finance (**Prerequisite: MGMT 31000 C- or higher**)
- _____ (3) MGMT 47200 Advance Spreadsheet Modeling (**Pre or Co-requisite MGMT 30500 or STAT 35000 C- or higher**)
- _____ (3) MGMT 49000 Predictive Analytics (**Prerequisite: MGMT 30500**)
- _____ (3) MGMT 49000 Futures & Options (**Prerequisite: MGMT 31000 C- or higher**)
- _____ (3) ECON 51100 Macroeconomics Theory (**Prerequisite: MA 16200/16600 C- or higher**)
- _____ (3) ECON 56200 Econometrics (**Prerequisite: MA 16200/16600 & STAT 35000/STAT 51100 C- or higher**)
- _____ (3) IE 53500 Linear Programming (**Prerequisite: IE 33500 and CS 15900 (15600) or CS 18000**)
- _____ (3) IE 53800 Nonlinear Optimization Algorithms and Models (**Prerequisite: IE 33500 and CS 15900 (15600)**)
- _____ (3) IE 54600 Economic Decisions in Engineering (**Prerequisite: IE 33600**)
- _____ (3) IE 58100 Simulation Design and Analysis (**Prerequisite: CS 15900, IE 33000, IE 33600**)
- _____ (3) IE 59000 Financial Engineering (**Summer Only**)

Other Departmental /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-requisite: 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**)
- _____ (3) 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

♦ Completion prior to admittance to Upper Division strongly encouraged

UC Fulfills University Core requirement

CC Critical Course to satisfy MAI requirements

Industrial Management/ Financial Engineering

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
4-5	MA 16100/MA 16500 (CC)	ALEKS 085 or SAT MATH 650 or ACT MATH 29	4-5	MA 16200/MA 16600 (CC)	MA 16100 or MA 16500
4	ENGL 10600/ ENGL 10800		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		
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	General Elective	
3	UC Science, Tech, & Society		3	International Elective	
16			15		
Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	ENGL 42000	ENGL 10600 or ENGL 10800 D- or higher	3	International Elective	
3	MGMT 30500	STAT 22500 C- or higher	3	MGMT 30600	Pre or co-req MGMT 30500 or STAT 35000 C- or higher
3	MGMT 31000	MGMT 20100 C- & ECON 25100 & STAT 22500 C- or higher	3	OBHR 33000	
3	MGMT 32400	MGMT 20100 C- & ECON 25100 C- or higher	3	ECON 41900	ECON 25100
3	Required IMFE Course		3	Required IMFE Course	
15			15		
Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	MGMT 38200	CS 23500 C- or higher	3	MGMT 44428	MGMT 30500 or STAT 35000 C- or higher
3	MGMT 35400		3	MGMT 45100	MGMT 20100 C- & ECON 25100 C- or higher
3	MGMT 36100	STAT 22500 C- or higher	3	Required IMFE Course	
3	Required IMFE Course		3	Required IMFE Course	
3	General Elective		2	General Elective	
15			14		
Total Credits				120	

The student is ultimately responsible for knowing and completing all degree requirements.

The knowledge source for specific degree requirements and completion is myPurduePlan.

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 - CC Critical Course to satisfy MAI requirements