

**Departmental/Industrial Management Major Courses**

**MAI Core** Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- \_\_\_\_\_ 3 ECON 25100 Microeconomics **\*UC\*** (*satisfies Behavioral/Social Science for core*)
- \_\_\_\_\_ 4 ENGL 10600 First-Year Composition or ENGL 10800 Accelerated First-Year Composition **\*UC\*** (*satisfies Written Communication for core*)
- \_\_\_\_\_ 4-5 MA 16100/MA 16500 Analytic Geometry & Calculus I **\*UC\*** (*satisfies Quantitative Reasoning for core*)
- \_\_\_\_\_ 4-5 MA 16200/MA 16600 Analytic Geometry & Calculus II **\*UC\*** (*satisfies Quantitative Reasoning for core*)
- \_\_\_\_\_ 3 MGMT 20000 Introductory Accounting

**School of Management Foundations**

- \_\_\_\_\_ 3 COM 11400 Fundamentals of Speech Communication **\*UC\*** (*satisfies Oral Communication for core*)
- \_\_\_\_\_ 3 CS 23500 Organizational Computing **\*PU\***
- \_\_\_\_\_ 3 ECON 25200 Macroeconomics (*satisfies Behavioral/Social Science for core*)
- \_\_\_\_\_ 3 ENGL 42000 Business Writing
- \_\_\_\_\_ 4 MA 26100 Multivariate Calculus
- \_\_\_\_\_ 1 MGMT 10000 Introduction to Management (highly recommended, but not required)
- \_\_\_\_\_ 3 MGMT 20100 Management Accounting I
- \_\_\_\_\_ 3 STAT 22500 Introduction to Probability Models

**Upper Division Required Courses**

- \_\_\_\_\_ 3 ECON 41900 Managerial Economics
- \_\_\_\_\_ 1 MGMT 30100 Management Career Lectures
- \_\_\_\_\_ 3 MGMT 30500 Business Statistics **\*PUWL\***
- \_\_\_\_\_ 3 MGMT 30600 Management Science
- \_\_\_\_\_ 3 MGMT 31000 Financial Management **\*PUWL\***
- \_\_\_\_\_ 3 MGMT 32400 Marketing Management **\*PUWL\***
- \_\_\_\_\_ 3 MGMT 35400 Legal Foundations of Business I
- \_\_\_\_\_ 3 MGMT 36100 Operations Management **\*PUWL\***
- \_\_\_\_\_ 3 MGMT 38200 Management Information Systems **\*PUWL\***
- \_\_\_\_\_ 3 MGMT 45100 Strategic Management **\*PUWL\***
- \_\_\_\_\_ 3 OBHR 33000 Organizational Behavior
- \_\_\_\_\_ 3 **MGMT 44428 Human Resource Management (Formerly OBHR 42800)**

**Required Science, Technology, Engineering and Math (STEM) Courses**

**Complete 15 credit hours from the following courses, CODO in only**

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|---|--|
| _____ 3 AAE 20300 Aeromechanics                                 | _____ 3 IE 23000 Probability & Statistics in Engineering |
| _____ 3 AAE 25100 Intro to Aerospace Design                     | _____ 3 IE 34300 Engineering Economics                   |
| _____ 3 BME 20100 Biomolecules: Structure, Function & ENGR Appl | _____ 3 MA 26500 Linear Algebra                          |
| _____ 4 CE 20300 Principles & Practices of Geomatics            | _____ 3 ME 20000 Thermodynamics                          |
| _____ 3 CE 29700 Basic Mechanics I: Statics                     | _____ 3 ME 27000 Basic Mechanics II                      |
| _____ 3 CEM 20100 Life Cycles Engineering & Management          | _____ 3 MSE 23000 Structure & Properties of Materials    |
| _____ 3 CS 15900 Programming Applications for Engineering       | _____ 3 MSE 23500 Materials Properties Laboratory        |
| _____ 3 ECE 20100 Linear Circuit Analysis I                     | _____ 3 NUCL 20000 Introduction to Nuclear Engineering   |
| _____ 2 ENGR 13100 Transforming Ideas to Innovation I           | _____ 3 PHYS 24100 Electricity & Optics                  |
| _____ 2 ENGR 13200 Transforming Ideas to Innovation II          |  |

**University Core/Program Course Requirements**

- \_\_\_\_\_ 3 UC Humanities **\*UC\*** <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- \_\_\_\_\_ 3 UC Humanities **\*UC\*** <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- \_\_\_\_\_ 3 UC Science, Technology & Society **\*UC\*** <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- \_\_\_\_\_ 3 Chemistry or Physics (C or higher) see [plan of study](#)
- \_\_\_\_\_ 3 Chemistry or Physics (C or higher) see [plan of study](#)
- \_\_\_\_\_ 3 PSY 12000 or SOC 10000 **\*UC\*** (*satisfies Behavioral/Social Science for core*)
- \_\_\_\_\_ 3 International Elective (see [plan of study](#))
- \_\_\_\_\_ 3 International Elective (see [plan of study](#))

**Electives (Complete Enough Electives to Equal at Least 120 Credits)**

\_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_

**University Core Requirements**

Human Cultures Humanities ☐ \_\_\_\_\_

Science, Technology & Society Selective ☐ \_\_\_\_\_

Human Cultures Behavioral/Social Science	<input type="checkbox"/>	<b>ECON 25100</b>
Information Literacy	<input type="checkbox"/>	<b>ENGL 10600/ENGL 10800</b>
Science Selective	<input type="checkbox"/>	<b>CHM or PHYS</b>
Science Selective	<input type="checkbox"/>	<b>CHM or PHYS</b>

Written Communication	<input type="checkbox"/>	<b>ENGL 10600/ENGL 10800</b>
Oral Communication	<input type="checkbox"/>	<b>COM 11400</b>
Quantitative Reasoning	<input type="checkbox"/>	<b>MA 16100/MA 16500</b>

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The student is ultimately responsible for knowing and completing all degree requirements.  
myPurduePlan is knowledge source for specific requirements and completion

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## Industrial Management/ Science, Technology, Engineering, & Math

Fall 2014

### [Plan of Study](#)

#### Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
4-5	MA 16100 or MA 16500	see myPurdue	4-5	MA 16200 or MA 16600	see myPurdue
4	ENGL 10600/ ENGL 10800		3	COM 11400	
4	CHM or PHYS	see myPurdue	4	CHM or PHYS	see myPurdue
3	PSY 12000 or SOC 10000		3	UC Humanities	
1	MGMT 10000				
<b>16-17</b>			<b>14-15</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	MGMT 20000		3	STAT 22500	MA 16200 D- or higher
3	ECON 25100		3	MGMT 20100	MGMT 20000 C- or higher
4	MA 26100		3	ECON 25200	
3	CS 23500	MA 15400 or higher	3	ENGL 42000	ENGL 10600 or ENGL 10800 D- or higher
3	UC Science Tech & Society		3	International Elective	
<b>16</b>			<b>15</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	UC Humanities		3	International Elective	
1	MGMT 30100		3	MGMT 30600	(pre or co-req MGMT 30500)
3	MGMT 30500	STAT 22500 C- or higher	3	OBHR 33000	
3	MGMT 31000	MGMT 20100 C- & ECON 25100 & STAT 22500 C- or higher	3	ECON 41900	ECON 25100
3	MGMT 32400	MGMT 20100 C- & ECON 25100 C- or higher	2-4	Required STEM Courses ( <a href="#">See Worksheet</a> )	
2-4	Required STEM Courses ( <a href="#">See Worksheet</a> )				
<b>16</b>			<b>15</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	MGMT 38200	CS 23500 D- or higher	3	MGMT 44428 (Formerly OBHR 42800)	OBHR 33000 & MGMT 30500 D- or higher
3	MGMT 35400		3	MGMT 45100	MGMT 20100 C- & ECON 25100 C- or higher, junior standing
3	MGMT 36100	STAT 22500 C- or higher	2-4	Required STEM Courses ( <a href="#">See Worksheet</a> )	
2-4	Required STEM Courses ( <a href="#">See Worksheet</a> )		2-4	Required STEM Courses ( <a href="#">See Worksheet</a> )	
3	General Elective		1	General Elective (if necessary)	
<b>15</b>			<b>12-13</b>		
				<b>Total Credits</b>	<b>120</b>

**\*UC\*** Satisfies a University Core Requirement  
**◊** Completion prior to admittance to upper division strongly encouraged

**\*PUWL\*** Course must be taken at Purdue University, West Lafayette

**120 semester credits required for Bachelor of Science degree.**

**2.0 Graduation GPA required for Bachelor of Science degree.**

**2.0 Major GPA (MGMT/ECON/OBHR) required for Bachelor of Science degree.**

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