

**A minimum of 125 credits is needed for graduation (or 127 if MA 011 is taken).
 This major requires a minimum of 99 credits. Some major courses may also fulfill Core Requirements.**

Requirements for B.S. Degree
Major in Industrial Engineering Management
 Academic Year 2013 – 2014

Name: _____

Advisor: _____

MAJOR COURSES			Credits	Grade	Term
PHY	200	College Physics I	4.00	___	___
PHY	201	College Physics II	4.00	___	___
PHY	202	College Physics III	4.00	___	___
EGR	100	Introduction to Engineering I	2.00	___	___
EGR	110	Introduction to Engineering II	2.00	___	___
EGR	391	Engineering Design and Junior Project	2.00	___	___
EGR	400	Engineering Portfolio	0.00	___	___
EGR	411	Current Industrial Engineering Methods	3.00	___	___
EGR	434	Green Robotics, Automation & Machine Intelligence	4.00	___	___
EGR	492	Senior Project in Engineering II	2.00	___	___

Select **three** courses from the following: EGR 210,220,230,262,263,264,275,302,310,315,321,332, 333, 352,365,410.

___	___	_____	3/4	___	___
___	___	_____	3/4	___	___
___	___	_____	3/4	___	___
___	___	_____	3/4	___	___

MA	121	Calculus I	4.00	___	___
MA	122	Calculus II	4.00	___	___
MA	222	Calculus III	4.00	___	___
MA	251	Probability & Statistics	4.00	___	___

AC	270	Cost Management Accounting	4.00	___	___
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BA 248 Quantitative Methods/Operations Management **OR** **MA 331** Operations Research
 4.00

BA	265	Management & Organizational Behavior	4.00	___	___
BA	330	Legal Environment of Business	4.00	___	___
BA	466	Operations & Production Management	4.00	___	___
EC	101	Principles of Macroeconomics	4.00	___	___
EC	102	Principles of Microeconomics	4.00	___	___
CS	121	Computer Science I	4.00	___	___
EN	282	Technical Writing	4.00	___	___
PH	275	Science & Values	4.00	___	___
PSY	105	General Psychology	4.00	___	___
CH	105	Fundamentals of Chemistry: Introduction to Molecular Science	4.00	___	___

Industrial Engineering Management majors have two core exceptions:

- Physics 200 is approved to satisfy one of their Natural and Physical Science Core courses.
- PH 275 is approved to satisfy their Humanities core requirement waived.

Industrial Engineering Management majors may also enroll in 19 credits for no more than three semesters at Elizabethtown without paying a credit overload fee.

Students must earn a C- or better in ALL prerequisite PHY and EGR courses to continue in the major.