

**A minimum of 125 credits is needed for graduation (or 127 if MA 011 is taken).  
This major requires a minimum of 102 credits. Some major courses may also fulfill Core Requirements.**

Requirements for B.S. Degree  
**Major in INDUSTRIAL ENGINEERING MANAGEMENT**  
Academic Year 2009 – 2010

Name: \_\_\_\_\_

Advisor: \_\_\_\_\_

MAJOR COURSES	Credits	Grade	Term
EGR 100 Introduction to Engineering I	2.00	___	___
EGR 110 Introduction to Engineering II	2.00	___	___
EGR 210 Circuit Analysis	4.00	___	___
EGR 262 Statics	3.00	___	___

Select Two courses from the following: EGR 263, EGR 264, EGR 321 or ES 275

_____	3/4	___	___
EGR 391 Engineering Design and Junior Project	2.00	___	___
EGR 400 Engineering Portfolio	0.00	___	___
EGR 411 Current Industrial Engineering Methods	3.00	___	___
EGR 492 Senior Project in Engineering II	2.00	___	___
PHY 200 College Physics I	4.00	___	___
PHY 201 College Physics II	4.00	___	___

**OTHER REQUIRED COURSES**

AC 270 Cost Management Accounting	4.00	___	___
BA 265 Management & Organizational Behavior	4.00	___	___
BA 466 Operations & Production Management	4.00	___	___
CS 121 Computer Science I	4.00	___	___
CS 341 System Analysis and Design	4.00	___	___
EC 101 Principles of Macroeconomics	4.00	___	___
EN 282 Technical Writing	4.00	___	___
MA 121 Calculus I	4.00	___	___
MA 122 Calculus II	4.00	___	___
MA 201 Linear Algebra	3.00	___	___
MA 222 Calculus III	4.00	___	___
MA 251 Probability & Statistics	4.00	___	___
PH 255 Advanced Ethics (A,C or D)	4.00	___	___
PSY 105 General Psychology	4.00	___	___
CH 105 Fundamentals of Chemistry: Introduction to Molecular Science	4.00	___	___

Take EC 102 or BA380  
\_\_\_\_\_ 4.00 \_\_\_ \_\_\_

Take BA248 or MA331  
\_\_\_\_\_ 3/4 \_\_\_ \_\_\_

Take BA330 or BA333  
BA \_\_\_\_\_ 4.00 \_\_\_ \_\_\_

\* Industrial Engineering Management majors may substitute Physics 200 for one of their Natural and Physical Science Core courses. Students who successfully complete the requirements for the Industrial Engineering Management major will have 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.