

To receive a bachelor's degree from Elizabethtown College, the student must earn a minimum of 125 credits. Some programs may require more than this minimum to complete all program requirements. (*See the program requirements for specific information.*) No more than one bachelor's degree is ever awarded to an individual by Elizabethtown College; however, students may complete a second major, a minor, or teacher certification subsequent to graduation. Some major courses may also fulfill Core requirements.

Requirements for B.S. Degree  
**Major in Industrial Engineering Management**  
 Academic Year 2015 – 2016

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	_____	_____
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EN	282	Technical Writing	4.00	_____	_____
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PH	275	Science & Values	4.00	_____	_____
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PSY	105	General Psychology	4.00	_____	_____
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CH	105	Fundamentals of Chemistry: Introduction to Molecular Science	4.00	_____	_____
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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.