

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 Physics**  
 Academic Year 2015 – 2016

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

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

MAJOR COURSES Credits Grade Term

PHYSICS & ENGINEERING DEPARTMENT

PHY	200	College Physics I	4.00	_____	_____
PHY	201	College Physics II	4.00	_____	_____
PHY	202	College Physics III	4.00	_____	_____
PHY	302	Electromagnetism	3.00	_____	_____
PHY	353	Advanced Physics Lab	3.00	_____	_____
PHY	361	App Quantum Mech & Adv Topics in AP	4.00	_____	_____
PHY	491	Research I	2.00	_____	_____
PHY	492	Research II	2.00	_____	_____
EGR	210	Circuit Analysis	4.00	_____	_____
EGR	263	Dynamics	3.00	_____	_____

Take Two of the following Course Options:

(PHY 221, PHY 423, EGR 220, EGR275, EGR 310, EGR 315, EGR 321, EGR 351, EGR 352, EGR 365 or EGR 463)

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

OTHER REQUIRED COURSES

MA	121	Calculus I	4.00	_____	_____
MA	122	Calculus II	4.00	_____	_____
MA	222	Calculus III	4.00	_____	_____
MA	321	Differential Equations	4.00	_____	_____
CS	121	Computer Science I	4.00	_____	_____
CH	105	Fundamentals of Chemistry: Intro to Molecular Science	4.00	_____	_____

\* Physics majors may substitute Physics 200 for one of their Natural and Physical Science Core courses.

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