

PHYSICS: APPLIED PHYSICS, BACHELOR OF SCIENCE

Requirements

Bachelor of Science in Physics: Applied Physics requirements are a minimum of 58 hours, including:

Code	Title	Credits
Major Requirements		
PHYS 231	Introductory Physics I	4
PHYS 232	Introductory Physics II	4
PHYS 294	Physics for the Future	2
PHYS 334	Computer Modeling of Physical Systems	2
PHYS 331	Spacetime and Quanta	4
PHYS 341	Analytical Mechanics	4
or ENGR 202	Engineering Mechanics II - Dynamics	
PHYS 345	Methods of Data Analysis and Presentation	2
PHYS 351	Analog Electronics	2
PHYS 494	Senior Seminar	2
or ENGR 394	Engineering Ethics Capstone	
Select any two 4-credit courses with the ENGR prefix at 200 level or above. ¹		8
An approved research/internship experience or PHYS 343		0-2
Supporting Courses		
CHEM 231	General Chemistry I	4
MATH 235	Calculus I	4
MATH 236	Calculus II	4
MATH 237	Calculus III	4
MATH 245	Linear Algebra	4
MATH 333	Differential Equations	4
Total Credits		58-60

¹ ENGR 202 may not be one of the two additional ENGR courses if it is also substituting for PHYS 341.