

Physics (B.A.)

Degree Type
B.A.

Objectives:

To provide background in basic physics, emphasizing and laboratory skills knowledge which students will need in industrial or government employment or a science teaching career; to stress applications of analytical software and mathematical techniques.

Requirements

Item #	Title	Semester Hours
PHYS 201	General Physics I	4
PHYS 202	General Physics II	4
PHYS 311	Modern Physics	4
PHYS 355	Mathematical Methods for Physical Science I	4

Five additional courses in physics

Chosen in consultation with the advisor.

One course from:

The senior project is completed as part of a 460 or 470 course (at least three semester hours credit) within the required courses.

Item #	Title	Semester Hours
PHYS 460	Independent Study	3-4
PHYS 470	Internship I	2-6

Additional Requirements:

Item #	Title	Semester Hours
MATH 151	Calculus I	4
MATH 152	Calculus II	4
MATH 201	Intro to Mathematical Reasoning	3
MATH 253	Calculus III	4
MATH 353	Differential Equations	3
Total Credits		52-60