

# B.S. in Physics

[Overview](#)

[Degree Requirements](#)

## Description

The B.S. degree in physics is suggested for students wishing to do professional work in physics. It also prepares a student for graduate or professional schools, such as medical school or law school.

## Minimum Total Credit Hours: 120

## General Education Requirements

See the 'General Education/Core Curriculum' for the School of Liberal Arts.

## Course Requirements

A B.S. major in physics must have a working knowledge of mathematics, including differential equations. B.S. physics majors must take Math 261, 262, 263, 264, 319, and 353. All six required math courses should be completed by the end of the junior year. A total of 45 hours of physics courses are required for the B.S. degree, including Phys 211, 212, 221, 222, 303, 308, 309, 310, 317, 318, 319, 401, 402, 451; at least 2 hours of Phys 463 and/or 464; and one upper-division laboratory-based course in addition to Phys 319. (Typically, either Phys 321 or Phys 417 is taken as the other lab class.) Students may satisfy the Phys 211-212 requirements by demonstrating a high level of proficiency on an exam, but then will need to complete the 45 hours of physics by taking additional higher-level Phys courses.

