

B.S. in Physics

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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. Forty-two hours of physics courses are required for the B.S. degree, including Phys 211, 212, 221, 222, 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 in part because either will complete the 42-hour requirement.) Students cannot take Phys 303 for credit toward the major. 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 42 hours of physics by taking additional higher-level Phys courses.

