PHYSICS MINOR

A minor in physics is a great option for students in any STEM field that is interested in a deeper understanding of the physical principles that form the basis of chemistry, biology, astronomy, and earth sciences. It is also a good choice for students interested in pursuing advanced degrees in any of those fields.

Regulations Governing Minor Course Work

a. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.

b. Only one course which counts toward your major may be counted toward your minor.

c. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.

d. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.

e. No course needed for the minor may be taken Pass-Fail.

f. One-half or more of the work required for the minor must be completed at Millersville University.

g. No student may minor in his or her major.

Minor in Physics

Code | Title                          | Hours |
-----|--------------------------------|-------|
PHYS 231 | Physics 1 with Calculus           | 5     |
PHYS 232 | Physics 2 with Calculus           | 5     |
PHYS 233 | Wave-Particle Theory             | 3     |
PHYS 334 | Macroscopic Physics              | 3     |
PHYS 335 | Quantum Systems                  | 3     |

Completion of the Calculus sequence (MATH 161, 211, 311) is a prerequisite for the minor in Physics.

Total Hours | 19