

PHYSICS MINOR

Department Advanced Placement Policy

Students who scored 4 or 5 on the AP Physics C: Mechanics exam may receive advanced standing in the Physics curriculum. Contact the department chair to discuss this option.

Requirements

A minor in physics is also offered for those seeking an exploration of physics beyond the introductory level.

Code Title

Required Math courses:

MATH 135 & MATH 136	Calculus 1 and Calculus 2 (or the equivalent)
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Required Physics courses:

PHYS 115 & PHYS 116	Introductory Physics 1: Mechanics, Fluids and Waves and Introductory Physics 2: Electromagnetism, Optics and Modern Physics
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PHYS 223	Modern Physics
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Select three additional physics courses, in consultation with advisor.

PHYS 221	Mathematical Methods and Scientific Computing in Physics
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PHYS 225	Modern Physics Lab
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PHYS 255	Quantum Computing
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PHYS 275	Intermediate Topics in Physics
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PHYS 342	Classical Mechanics
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PHYS 344	Thermal Physics
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PHYS 351	Electromagnetic Theory
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PHYS 353	Quantum Mechanics
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PHYS 355	Introduction To Astrophysics
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See other course offerings in the schedule of classes. Experimental Optics in fall 2024 and Experimental Electronics offered in spring 2025 will count for the electives.