

PHYSICS, MINOR

The aim of physicists is to discover the most fundamental principles of nature. Their tools are mathematics and experiment. The physical world as we perceive it is very complex, yet the principles of physics are inherently simple. A physicist's forte is the ability to analyze a problem, reduce its complexity, and arrive at an understanding of the underlying patterns of nature in terms of simple relationships among constituent elements. Learning to do this gives Physics minors an intellectual versatility that can serve them well in a variety of future activities ranging from research and teaching in Physics or related sciences to careers in law, the health professions, and high-technology companies.

For more information: <http://www.physics.upenn.edu/undergraduate/physics-astronomy-major#minor> (<http://www.physics.upenn.edu/undergraduate/physics-astronomy-major/#minor>)

Total 6 courses (not course units but courses). No more than two (2) courses can be at the 1000 (introductory) level.

Code	Title	Course Units
Minor Requirements		
Select one of the following Options:		
Option I - Recommended Minor		0-6
PHYS 0150	Principles of Physics I: Mechanics and Wave Motion	
PHYS 0151	Principles of Physics II: Electromagnetism and Radiation	
PHYS 1230	Principles of Physics III: Thermal Physics and Waves	
PHYS 1250	Principles of Physics IV: Modern Physics	
PHYS 2280	Physical Models of Biological Systems	
One course 3000 level or above		
Option II - Individualized Minor		0-6
Select 6 courses		
Total Course Units		6

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2022 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.
