

PHYSICS, MINOR

Saint Louis University offers a minor in physics through the School of Science and Engineering. By pursuing a minor in physics, students increase problem-solving, reasoning and analytical skills, which will give them an advantage in many career paths. A minor in physics will broaden students' understanding of the world and enhance their career prospects.

This minor requires 22 credits of physics.

Requirements

Code	Title	Credits
Required Courses		
PHYS 1610 & PHYS 1620	University Physics I and University Physics I Laboratory	4
PHYS 1630 & PHYS 1640	University Physics II and University Physics II Laboratory	4
PHYS 2610 & PHYS 2620	Modern Physics and Modern Physics Lab	4
Elective Courses		
Select three of the following (one with lab):		10
PHYS 3110	Classical Mechanics	
PHYS 3310	Optics	
PHYS 3320	Optics Laboratory	
PHYS 3410	Thermodynamics and Statistical Mechanics	
PHYS 3510	Analog & Digital Electronics	
PHYS 3610	Modern Physics II	
PHYS 3860	Physics Research I	
PHYS 3910	Co-Op with Industry	
PHYS 3915	Internship with Industry	
PHYS 3980	Independent Study	
PHYS 4010	Nanoscience Frontiers	
PHYS 4020	Experimental Physics	
PHYS 4110	Intro to Biophysics	
PHYS 4210	Electricity & Magnetism	
PHYS 4610	Quantum Mechanics	
PHYS 4840	Senior Inquiry: Thesis	
PHYS 4870	Physics Research II	
PHYS 4880	Senior Inquiry: Research Project	
PHYS 4890	Senior Inquiry: Comprehensive Examination	
PHYS 4910	Co-Op with Industry	
PHYS 4915	Internship with Industry	
PHYS 4930	Special Topics: Introduction to Plasma Physics	
Total Credits		22

Continuation Standards

Students must have a grade point average (GPA) of 2.00 in physics minor coursework to be retained in the minor.