

THEORETICAL PHYSICS

Requirements

Required Courses

Code	Title	Hours
PH 314	Theoretical Mechanics I	4
PH 316	Electric & Magnetic Fields	4
PH 401	Introduction to Quantum Mechanics	4
Select eight hours from the following:		8
MA 421	Tensor Calculus & Riemannian Geometry	
PH 270/470	Selected Topics in Physics ¹	
PH 290/490	Directed Research ¹	
PH 310	Introduction to Special Relativity	
PH 315	Theoretical Mechanics II	
PH 317	Electromagnetism	
PH 327	Thermodynamics & Statistical Mechanics	
PH 402	Intro to Atomic Physics	
PH 410	General Relativity	
PH 460	Directed Study ¹	
Total Hours		20

¹ This is restricted to a maximum of 4 credit hours across the 4 categories.

Students intending to complete this minor should plan for accommodating the prerequisite of the upper-division classes they choose to include in the minor plan of study.

Eligibility: Students in any major degree program, except Physics and NanoEngineering.