

PHYSICS (PHYSICS EDUCATION), B.S.

Requirements for a Major in Physics (Physics Education)

Code	Title	Hours
Minimum thirty-three semester hours including:		
Required Courses		
PHY 1420	General Physics I	4
PHY 1430	General Physics II	4
PHY 2135	Basic Electronics Laboratory	1
PHY 2190	Introduction to Research in Physics	1
PHY 2350	Modern Physics	3
PHY 2360	Mathematical and Computational Physics	3
PHY 3175	Intermediate Physics Laboratory I	1
PHY 3320	Intermediate Classical Mechanics	3
PHY 3330	Intermediate Electricity and Magnetism	3
PHY 3372	Introductory Quantum Mechanics I	3
PHY 4190	Dissemination of Research Results in Physics	1
PHY 4340	Statistical and Thermal Physics	3
PHY 4001	Exit Exam	0
Select one of the following:		3-5
PHY 2455	Foundations of Astronomy (and one additional hour at the 3000-4000 level)	
Three semester hour of 3000-4000 PHY courses		
Subtotal		33-35
Required Courses in Other Fields		
MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
MTH 2311	Linear Algebra	3
MTH 2321	Calculus III	3
MTH 3325	Ordinary Differential Equations	3
MTH 3326	Partial Differential Equations	3
Completion of the Minor in Physics Education (School of Education)		
Total Hours		51-53