

# PHYSICS, BS

## Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education (<https://catalog.washburn.edu/undergraduate/programs-degrees-graduation-requirements/general-education-requirements/>), all requirements for a Bachelor of Science (<https://catalog.washburn.edu/undergraduate/college-arts-sciences/degrees/bachelor-science/>) degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Code	Title	Hours
<b>Required Courses Inside Department</b>		
PS 103	Physics & Engineering Seminar I	1
Select one of the following physics sequences:		10
PS 261 & PS 262	College Physics I and College Physics II	
PS 281 & PS 282	General Physics I and General Physics II	
PS 303	Physics & Engineering Seminar II	1
PS 320	Electromagnetic Theory I	3
PS 330	Optics	3
PS 334	Thermodynamics	3
PS 335	Theoretical Mechanics I	3
PS 350	Modern Physics I	3
PS 360	Physics Research	1,2
PS 365	Introduction to Theoretical Physics	3
PS 366	Introduction to Computational Physics	3
Select two of the following upper division laboratory courses		2-6
PS 322	Circuits and Electronics	
PS 332	Optics Lab	
PS 340	Computer Interfacing and Instrumentation	
PS 352	Modern Physics Laboratory	
<b>Total Hours</b>		<b>36-41</b>