

PHYSICS, B.S.

Physics Major Requirements

The physics program requires students to complete particular courses to meet their core curriculum requirements and to satisfy prerequisites for physics courses or to provide evidence of competency in these areas.

Code	Title	Hours
MATH 150	Precalculus	3
MATH 220	Calculus I	3
MATH 320	Calculus II	3
MATH 330	Calculus III	3
MATH 380	Differential Equations	3
or MATH 430	Calculus IV	
PHYS 151	Introduction to Mechanics	4
PHYS 200	Seminar for Physics Majors	1
PHYS 251	Introduction to Electricity & Magnetism	4
PHYS 252	Introduction to Waves, Optics, and Relativity	4
PHYS 301	Classical Mechanics	3
PHYS 303	Electricity and Magnetism	3
PHYS 305	Electronics	3
PHYS 351	Modern Physics	4
PHYS 361	Mathematical Physics	3
PHYS 401	Advanced Physics Laboratory I	3
PHYS 402	Advanced Physics Laboratory II	3
PHYS 471	Quantum Mechanics	3
Select three Physics courses 300 level or higher		9
Total Hours		62