

B.S. Major in Physics

The B.S. major in Physics requires 18 courses:

Code	Title	Semester Hours
CHEM 131	Fundamentals of Chemistry I	4.0
MATH 181	Calculus I	4.0
MATH 182	Calculus II	4.0
MATH 283	Multivariable Calculus	4.0
MATH 284	Differential Equations	3.0
MATH 355	Applied Advanced Calculus	3.0
PHYS 201	Phys for Scientists/Engrs I	4.0
PHYS 202	Phys for Scientists/Engrs II	4.0
PHYS 203	Phys for Scientists/Engrs III	4.0
PHYS 204	Phys for Scientists/Engrs IV	5.0
PHYS 283	Advanced Laboratory	4.0
PHYS 301	Classical Mechanics	3.0
PHYS 303	Electricity & Magnetism I	3.0
PHYS 305	Quantum Mechanics I	3.0
PHYS 307	Statistical Mechanics	3.0
PHYS 401	Research ¹	3.0
Two upper-level electives, chosen from the following options:		6.0-8.0
CHEM 311	Phys Chem I: Thermodynamics	
ENGR 206	Elect. Engr. Circuit Analysis	
Any 300-level physics course other than 301, 303, 305, and 307		
Total Semester Hours		64.0-66.0

¹ A total of 3 SH is required for PHYS 401 Research; multiple terms of 1 or 2 SH can be combined to fulfill this requirement.