

B.S. in Physics

First year

fall

spring

PHY 1090 Frontiers of Physics (3)	COP 2271 Introduction to Computation and Programming (3)
CHEM 2045&L Chemistry I (4)	PHY 2048&L Physics 1 with Calculus (4)
MAC 2311 Analytic Geometry and Calculus 1 (4)	MAC 2312 Analytic Geometry and Calculus 1 (4)
ENC 1101 English Composition I (3)	ENC 2210 Technical Writing (3)
	Social Science (3)

Sophomore

fall

spring

PHY 2750C Design Techniques in Physics (3)	PHY 2841C Experimental Techniques in Physics (3)
COP 3337 Object Oriented Programming (3)	PHY 3101 Modern Physics (3)
PHY 2049&L Physics 2 with Calculus (4)	PHY 3221 Classical Mechanics (3)
MAC 2313 Analytic Geometry and Calculus 1 (4)	MAP 2302 Differential Equations (3)
	MAS 3105 Linear Algebra (3)

Junior

fall

spring

PHY 3802C Modern Physics Design 1 (3)	PHY 3803C Modern Physics Design 2 (3)
PHZ 3151 Computational Physics 1 (3)	Arts & Humanities OR PHZ 4153 Computational Physics 2 (3)
PHY 3323 Electricity and Magnetism 1 (3)	PHY 4603 Quantum Mechanics 2 OR PHY 4324 Electricity and Magnetism 2 (3)
PHY 3602 Quantum Mechanics 1 (3)	PHY 4513 Thermal and Statistical Mechanics (3)
Concentration Elective 1 (3)	Concentration Elective 2 (3)
IDS 4941 Professional Experience Internship (0)	

Senior

fall

spring

PHY 4910C Physics Capstone Design 1 (3)	PHY 4911C Physics Capstone Design 2 (3)
Social Science OR Arts & Humanities (3)	PHZ 4153 Computational Physics 2 OR Arts & Humanities (3)
Social Science OR Arts & Humanities (3)	PHY 4324 Electricity and Magnetism 2 OR PHY 4603 Quantum Mechanics 2 (3)
Free Elective 1 (3)	Free Elective 2 (3)
Concentration Elective 3 (3)	Concentration Elective 4 (3)

Key

Foundational	Physics Core	Computing and Design	General Education	Free Elective
--------------	--------------	----------------------	-------------------	---------------