

Freshman Year					
Autumn Courses			Spring Courses		
PHSX 101	Freshman Physics Experience	1	PHSX 217	Fundamentals of Physics II with Calculus	4
PHSX 215	Fundamentals of Physics I with Calculus	4	PHSX 218	Physics Laboratory II with Calculus	1
PHSX 216	Physics Laboratory I with Calculus	1	M 172	Calculus II	4
M 171	Calculus I	4	GenEd	General Education course	3
CSCI 250	Computer Modeling for Science Majors	3	*WRIT 101	College Writing I	3
Elective	Elective course	2			
<i>Total: 15</i>			<i>Total: 15</i>		
* Semester of enrollment in WRIT 101 depends on beginning letter of student's last name.					
Sophomore Year					
Autumn Courses			Spring Courses		
PHSX 311	Oscillations and Waves	2	PHSX 301	Intro to Theoretical Physics	3
PHSX 343	Fund. of Modern Physics	3	PHSX 320	Classical Mechanics	3
M 273	Multivariable Calculus	4	M 221	Intro to Linear Algebra	4
*For Lang	Foreign Language (optional)	5	*For Lang	Foreign Language (optional)	5
Elective	Elective course	1			
<i>Total: 15</i>			<i>Total: 15</i>		
* Foreign Language optional. Students may elect Symbolic Systems (Math) for their FL requirement.					
Junior Year					
Autumn Courses			Spring Courses		
PHSX 461	Quantum Mechanics I	3	PHSX 462	Quantum Mechanics II	3
*PHSX 451	Particle Physics	3	*PHSX 330	Communicating Physics	3
M 311	ODE's (or math elective)	3	*PHSX 446	Thermodynamics & Stat Mech	3
GenEds	General Education courses	6	GenEd	General Education courses	6
<i>Total: 15</i>			<i>Total: 15</i>		
* PHSX 330, 446, 451 offered alternate years, can take as either Junior/Senior. 446/451 not required.					
Senior Year					
Autumn Courses			Spring Courses		
PHSX 423	Electromagnetism I	3	PHSX 425	Electromagnetism II	3
PHSX 323	Intermediate Lab	3	PHSX 444	Advanced Lab	3
PHSX 499	Senior Capstone Seminar	1	*PHSX 327	Optics	3
GenEd	General Education course	3	*PHSX 333	Computational Physics	3
Electives	Elective courses	5	GenEd	General Education course	3
<i>Total: 15</i>			<i>Total: 15</i>		
* PHSX 327, 333 offered alternate years, can take as either Junior/Senior, but not required.					