

Freshman Year

Autumn Courses			Spring Courses		
PHSX 101	Freshman Physics Experience	1	ASTR 142	The Evolving Universe	4
M 151	Precalculus	4	M 171	Calculus I	4
PHSX 141	Einstein's Relativity	3	CSCI 135	Fundamentals of Computer Science I	3
GenEds	General Education courses	6	*WRIT 101	College Writing I	3
Elective	Elective course	1	Elective	Elective course	1
<i>Total:</i> 15			<i>Total:</i> 15		

* Semester of enrollment in WRIT 101 depends on beginning letter of student's last name.

Sophomore Year

Autumn Courses			Spring Courses		
PHSX 215	Fundamentals of Physics I with Calculus	4	PHSX 217	Fundamentals of Physics II with Calculus	4
PHSX 216	Physics Laboratory I with Calculus	1	PHSX 218	Physics Laboratory II with Calculus	1
M 172	Calculus II	4	M 273	Multivariable Calculus	4
*For Lang	Foreign Language (optional)	5	*For Lang	Foreign Language (optional)	5
Elective	Elective course	1	Elective	Elective course	1
<i>Total:</i> 15			<i>Total:</i> 15		

* Foreign Language optional. Students may elect Symbolic Systems (Math) for their FL requirement.

Junior Year

Autumn Courses			Spring Courses		
*ASTR 351	Planetary Science	3	*ASTR 353	Galactic Astrophysics and Cosmology	3
*ASTR 362	Observational Astronomy	3	*PHSX 330	Communicating Physics	3
PHSX 311	Oscillations and Waves	2	PHSX 301	Intro to Theoretical Physics	3
PHSX 343	Fund. of Modern Physics	3	PHSX 320	Classical Mechanics (elective/optional)	3
M 221	Intro to Linear Algebra	4	GenEd	General Education course	3
<i>Total:</i> 15			<i>Total:</i> 15		

* ASTR 351, 353, 362, and PHSX 330 are offered alternate years - may be taken Junior or Senior year.

Senior Year

Autumn Courses			Spring Courses		
*ASTR 363	Stellar Astronomy and Astrophysics I	3	*ASTR 365	Stellar Astronomy and Astrophysics II	3
PHSX 423	Electromagnetism I (elective)	3	PHSX 462	Quantum Mech II (elective)	3
PHSX 461	Quantum Mechanics I	3	GenEds	General Education courses	6
PHSX 499	Senior Capstone Seminar	1	Elective	Elective course	3
GenEd	General Education course	3			
Elective	Elective course	2			
<i>Total:</i> 15			<i>Total:</i> 15		

* ASTR 363, 365, and PHSX 446 offered alternate years - may be taken Junior or Senior year.