

Freshman Year

Autumn Courses

PHSX 101	Freshman Physics Experience	1
M 151	Precalculus	4
PHSX 141	Einstein's Relativity	3
#For Lang	Foreign Language (optional)	5
Elective	Elective course	2

Total: 15

Spring Courses

M 171	Calculus I	4
*WRIT 101	College Writing I	3
GenEd	General Education course	3
#For Lang	Foreign Language (optional)	5

Total: 15

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

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

Sophomore Year

Autumn Courses

PHSX 215	Fundamentals of Physics I with Calculus	4
PHSX 216	Physics Laboratory I with Calculus	1
M 172	Calculus II	4
CSCI 250	Comp. Modeling for Scientists	3
GenEd	General Education course	3

Total: 15

Spring Courses

PHSX 217	Fundamentals of Physics II with Calculus	4
PHSX 218	Physics Laboratory II with Calculus	1
M 273	Multivariable Calculus	4
GenEd	General Education courses	6

Total: 15

Junior Year

Autumn Courses

PHSX 311	Oscillations and Waves	2
PHSX 343	Fund. of Modern Physics	3
M 221	Intro to Linear Algebra	4
GenEd	General Education course	3
Elective	Elective course	3

Total:

Total: 15

Spring Courses

PHSX 301	Intro to Theoretical Physics	3
PHSX 320	Classical Mechanics	3
*PHSX 446	Thermodynamics & Stat Mech	3
*PHSX 330	Communicating Physics	3
GenEd	Gen Ed Course	3

Total:

Total: 15

* PHSX 330, 446 offered alternate years, can take as either Junior/Senior. 446 not required.

Senior Year

Autumn Courses

PHSX 323	Intermediate Laboratory	3
PHSX 423	Electromagnetism I	3
PHSX 461	Quantum Mechanics I	3
PHSX 499	Senior Capstone Seminar	1
Electives	Elective courses (or GenEd)	5

Total:

Total: 15

Spring Courses

PHSX 425	Electromagnetism II	3
PHSX 444	Advanced Physics Laboratory	3
PHSX 462	Quantum Mechanics II	3
*PHSX 333	Computational Physics	3
GenEd	General Education courses	3

Total:

Total: 15

* PHSX 333 offered alternate years, can take as either Junior/Senior, but not required.