Physics Plan of Study

NOTES: Physics 3X0 = Statistical Mechanics, and Classical Mechanics; Physics 4X0 = Quantum Mechanics, and Electromagnetic Theory; Physics 3XX = Astrophysics, or Nuclear and Particle. These courses and Advanced Laboratory (Physics 384) can be taken any time after the second semester of the second year. Exact rotation depends on the student's year of major declaration.

Freshman		
Fall Semester		
FSEM 100	First-Year Seminar	3
Physics 190	Physics PEER Journey	1
Physics 105	University Physics I	4
Math 121	Calculus I	4
General Education Courses		3
		15
Spring Semester		
Physics 106	University Physics II	4
Math 122	Calculus II	4
General Education Courses		6
		15
Sophomore		
Fall Semester		
Physics 211	Modern Physics	3
Physics 302	Math Methods for Physics	3
General Education Courses		9
		15
Spring Semester		
Physics 3X0 (recommended)	Upper-level Theory Elective	3
General Education Courses		12
		15
Junior		
Fall Semester		
Physics 471, 3XX	Physics Elective	3/4
Physics 283 or 300	Electronics or Optics**	4
General Education Courses		8
		16
Spring Semester		
Physics 3X0	Upper-level Theory Elective	4
Physics 4X0	Upper-level Theory Elective	4
General Education Courses		6
		14
**** These courses are offered**	**every other year**	

Senior		
Fall Semester		
Physics 384	Advanced Laboratory**	3
Physics 471	Special Topics Elective	3
Physics 283 or 300 or XXX	Electronics or Optics** or Elective	4
General Education Courses		9
		15
Spring Semester		
Physics 482	Senior Seminar	2
Physics 4X0	Upper-level Theory Elective	4
Electives		9
		15
Total Credits	**42 – 44**	**120**
**** These courses are offered every other year**		