

Physics

Courses required for the first year: Math 160, Phys 211
Courses recommended for the first year: Chem 131, Math 220
Contact: Dr. Cecilia Vogel

The Major in Physics

(Students may not also major in Engineering Physics)

Required Courses

Course Number	Course Name	Learning Perspective/ Suffix	Prerequisites	Usually offered: F, J, SP, SU*	Credits
Phys 211	Foundational Physics I	PN	Math 160 (or co-requisite)	SP	4
Phys 212	Foundational Physics II	PN	Math 220 (or co-requisite) & Math 260 (co-requisite)	F	4
Phys 213	Foundational Physics III		Phys 211, Math 220 & Math 260	SP	4
Phys 366	Advanced Lab I		Phys 213	F	2
Phys 368	Advances Lab II (SI)		Phys 366	SP	2
Phys 300-400	3 additional physics courses 300 or above				12

Additional Courses (* Required Supporting Courses)

Course Number	Course Name	Learning Perspective/ Suffix	Prerequisites	Usually offered: F, J, SP, SU*	Credits
Chem 131*	General Chemistry I	PN		F/SP	4
Math 160*	Calculus			F/SP	4
Math 220*	Integration Methods		Math 160	F/SP	2
Math 260*	Multivariable Calc		Math 160	F	4
Math 320	Differential Equations & Linear Systems		Math 220	SP	4

The Minor in Physics

Required Courses

Course Number	Course Name	Learning Perspective/ Suffix	Prerequisites	Usually offered: F, J, SP, SU*	Credits
Phys 211	Foundational Physics I	PN	Math 160 (or co-requisite)	SP	4
Phys 212	Foundational Physics II	PN	Math 220 (or co-requisite) & Math 260 (co-requisite)	F	4
Phys 213	Foundational Physics III		Phys 211, Math 220 & Math 260	SP	4
Phys 366	Advanced Lab I		Phys 213	F	2
Phys 368	Advances Lab II (SI)		Phys 366	SP	2

Additional Courses (* Required Supporting Courses)

Course Number	Course Name	Learning Perspective/ Suffix	Prerequisites	Usually offered: F, J, SP, SU*	Credits
Chem 131*	General Chemistry I	PN		F/SP	4
Math 160*	Calculus			F/SP	4
Math 220*	Integration Methods		Math 160	F/SP	2
Math 260*	Multivariable Calc		Math 160	F	4

Major Overview

- Students in Physics go into industry or onto graduate school in physics.
- Research opportunities are available with the physics faculty and through REU opportunities.

*Fall, J term, Spring, Summer; see [Academic Calendar](#) for specific dates

Updated December 2022