

## Physics

<b>Courses required for the first year:</b> Chem 131, Math 160, Math 220, Phys 211
<b>Courses recommended for the first year:</b>
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### The Major in Physics

(Students may not also major in Engineering Physics.)

#### Required Courses

Course Number	Course Name	Learning Perspective	Prerequisites	Credits
Phys 211	Foundational Physics I	PN	Math 160	4
Phys 212	Foundational Physics II	PN	Math 220	4
Phys 213	Foundational Physics III		Math 220 & Math 260	4
Phys 366	Advanced Lab I		Phys 213	2
Phys 368	Advances Lab II (SI)		Phys 366	2
Phys 300-400	3 physics courses 300 or above			12

#### Additional Courses (\* Required Supporting Courses)

Course Number	Course Name	Learning Perspective	Prerequisites	Credits
Chem 131*	General Chemistry I	PN		4
Math 160*	Calculus			4
Math 220*	Integration Methods		Math 160	2
Math 260*	Multivariable Calc		Math 160	4
Math 250	Discrete Mathematics		Math 160	4
Math 320	Differential Equations		Math 220	4
Math 350	Linear Algebra		Math 250	4

## The Minor in Physics

### Required Courses

Course Number	Course Name	Learning Perspective	Prerequisites	Credits
Phys 211	Foundational Physics I	PN	Math 160	4
Phys 212	Foundational Physics II	PN	Math 220	4
Phys 213	Foundational Physics III		Math 220 & Math 260	4
Phys 366	Advanced Lab I		Phys 213	2
Phys 368	Advances Lab II (SI)		Phys 366	2

### Additional Courses (\* Required Supporting Courses)

Course Number	Course Name	Learning Perspective	Prerequisites	Credits
Chem 131*	General Chemistry I	PN		4
Math 160*	Calculus			4
Math 220*	Integration Methods		Math 160	2
Math 260*	Multivariable Calc		Math 160	4

### Major Overview

- Students in Physics typically go into industry or onto graduate school in physics.
- Research opportunities are available with the physics faculty and through Research Experiences for Undergraduates (REU).

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