

## Physics (BS) - General Physics Track, Start with Calculus II

### FALL - Semester 1

PHYS 185: College Physics I  
MATH 263: Analytic Geometry and Calculus II

### FALL - Semester 3

PHYS 191: Calculus for Physics II  
MATH 365: Ordinary Differential Equations  
CS 170: Introduction to Computer Science I

### FALL - Semester 5

PHYS 351: Modern Physics II  
PHYS 320: Electronics  
PHYS 382: Mathematical Physics

### FALL - Semester 7

PHYS 580: Quantum Mechanics  
PHYS 486: Thermodynamics and Statistical Mechanics

### SPRING - Semester 2

PHYS 275: Vibrations and Waves  
MATH 264: Analytic Geometry and Calculus III  
PHYS 186: College Physics II  
PHYS 190: Calculus for Physics I

### SPRING - Semester 4

PHYS 250: Modern Physics I  
PHYS 310: Intermediate Laboratory  
STAT 290: Statistics

### SPRING - Semester 6

PHYS 386: Classical Mechanics  
PHYS 446: Advanced Laboratory  
PHYS 345: Junior Seminar

### SPRING - Semester 8

PHYS 518: Advanced Topics  
PHYS 482: Electricity and Magnetism  
PHYS 445: Physics Capstone

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**Dialogues Curriculum:** The Dialogues Curriculum requires a certain number of courses/credit hours in the following Perspectives: Social, Arts and Humanities, STEM, Communications, and Statistics. The exact number of courses a student will be required to take during their undergraduate career varies individually according to the credit transferred in.

**Department Chair:** Please contact the [Center for Academic Excellence](#) with any updates to the plan above. Rev. 2-16-24