
BS in Physics

Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Some requirements may have changed because the University Core Curriculum was being revised at the time this catalog went to press. Contact a degree program adviser.

BS in Physics pdf

FRESHMAN YEAR

FALL	HOURS
CHEM 1410, General Chemistry ¹⁰	3
CHEM 1430, Laboratory for General Chemistry	1
ENGL 1310, College Writing I	3
MATH 1710, Calculus I ^{4,58}	4
PHYS 1710, Mechanics	3
PHYS 1730, Laboratory in Mechanics	<u>1</u>
Total	15

FRESHMAN YEAR

SPRING	HOURS
CHEM 1420, General Chemistry ¹⁰	3
CHEM 1440, Laboratory for General Chemistry	1
ENGL 2210, World Literature I	3
MATH 1720, Calculus II ⁵⁸	3
PHYS 2220, Electricity and Magnetism	3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	1
Wellness ¹¹	<u>3</u>
Total	17

SOPHOMORE YEAR

FALL	HOURS
ENGL 2220, World Literature II	3
MATH 2700, Linear Algebra and Vector Geometry ⁵⁸	3
PHYS 3010, Modern Physics ²⁰	3
PHYS 3030, Laboratory in Modern Physics ²⁰	1
PHYS 3420, Electronics	4
Oral Communication ²	<u>3</u>
Total	17

SOPHOMORE YEAR

SPRING	HOURS
CSCI 1110, Program Development	4
ENGL 2700, Technical Writing	3
MATH 2730, Multivariable Calculus ⁵⁸	3
PHYS 4210, Electricity and Magnetism	3
PHYS Elective (advanced)	<u>3</u>
Total	16

JUNIOR YEAR

FALL	HOURS
HIST 2610, United States History to 1865 ¹²	3
MATH 3410, Differential Equations I ⁵⁸	3
PHYS 3210, Classical Mechanics	3
PHYS Elective (advanced) ¹⁶	3
Understanding of Ideas and Values ⁸	<u>3</u>
Total	15

JUNIOR YEAR

SPRING	HOURS
HIST 2620, United States History Since 1865 ¹²	3
PHYS 3310, Mathematical Methods	3
PHYS 4110, Statistical and Thermal Physics	3
Elective (advanced)	3
Understanding of Ideas and Values ⁸	<u>3</u>
Total	15

SENIOR YEAR

FALL	HOURS
PHYS 4210, Electricity and Magnetism	3
PHYS 4950, Senior Thesis	3
PSCI 1040, American Government	3
Elective (advanced)	3
Elective ¹⁶	3
Visual and Performing Arts ⁷	<u>3</u>
Total	18

SENIOR YEAR

SPRING	HOURS
ECON 1110, Principles of Macroeconomics	3
PHYS 4310, Quantum Mechanics	3
PSCI 1050, American Government	3
Elective ¹⁶	4
Elective ¹⁶	<u>3</u>
Total	17

Actual degree plans may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed.

See Arts and Sciences notes in supplement booklet for footnotes.

Supplemental Information for BS in Physics

Minimum total of hours required for degree: 130.
