

PHYSICS MINOR

The minor in physics gives students an understanding of the most essential concepts in the field and carries the same prerequisites as the major, followed by a lighter set of requirements.

Course	Title
Prerequisites	
MATH 220-0 & MATH 224-0 or MATH 212-0 & MATH 213-0 & MATH 214-0	Differential Calculus of One-Variable Functions and Integral Calculus of One-Variable Functions Single Variable Calculus I and Single Variable Calculus II and Single Variable Calculus III
PHYSICS 140-1 & PHYSICS 140-2 & PHYSICS 140-3 & PHYSICS 136-1 & PHYSICS 136-2 & PHYSICS 136-3 or PHYSICS 135-1 & PHYSICS 135-2 & PHYSICS 135-3 & PHYSICS 136-1 & PHYSICS 136-2 & PHYSICS 136-3 or PHYSICS 125-1 & PHYSICS 125-2 & PHYSICS 125-3 & PHYSICS 126-1 & PHYSICS 126-2 & PHYSICS 126-3	Fundamentals of Physics and Fundamentals of Physics and Fundamentals of Physics and General Physics Laboratory and General Physics Laboratory and General Physics Laboratory General Physics and General Physics and General Physics and General Physics Laboratory and General Physics Laboratory and General Physics Laboratory General Physics ISP and General Physics for ISP and General Physics for ISP and Physics for ISP Laboratory and Physics for ISP Laboratory and Physics for ISP Laboratory

Minor Requirements (9 units)

Core mathematics and mathematical tools courses listed below or equivalent courses approved by the department

MATH 230-0 & MATH 234-0	Differential Calculus of Multivariable Functions and Multiple Integration and Vector Calculus
PHYSICS 311-1 & PHYSICS 311-2 or MATH 240-0 & MATH 250-0	Mathematical Tools for the Physical Sciences and Mathematical Tools for the Physical Sciences Linear Algebra and Elementary Differential Equations

Core physics courses

PHYSICS 239-0	Foundations of Modern Physics
PHYSICS 330-1	Classical Mech
PHYSICS 333-1	Advanced Electricity & Magnetism
<i>2 other 300-level physics or astronomy courses other than:</i>	
PHYSICS 311-1 & PHYSICS 311-2	Mathematical Tools for the Physical Sciences and Mathematical Tools for the Physical Sciences
PHYSICS 335-0	Physics of Magic
PHYSICS 398-0	Independent Thesis Research
PHYSICS 399-0	Independent Study
ASTRON 398-0	Honors Independent Study
ASTRON 399-0	Independent Study