2021 - 2022 Minor Map
Physics

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus

Program Requirements

The minor in physics requires a minimum of 24 credit hours, at least 12 of which must be completed at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 12 credit hours

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) or PHY 150: Physics I (SQ) (4)
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) or PHY 151: Physics II (SQ) (4)
PHY 252: Physics III (SQ) or PHY 241: University Physics III AND PHY 202: Programming for Physicists (4)

Electives -- 12 credit hours

Choose one of the following options for the remaining required coursework. (12-15)

Option 1

PHY 361: Introductory Modern Physics (3)
PHY 333: Electronic Circuits and Measurements or PHY 334: Advanced Laboratory I (L) (3)
PHY Upper Division Elective (6)

Option 2

PHY 201 and PHY 302 are required.
PHY 201: Mathematical Methods in Physics I (CS) (3)
PHY 302: Mathematical Methods in Physics II (3)
Select 9 additional credit hours (3 courses) from the below list.

PHY 310: Classical Particles, Fields, and Matter I (3)
PHY 311: Classical Particles, Fields, and Matter II (3)
PHY 314: Quantum Physics I (3)
PHY 315: Quantum Physics II (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.