2019 - 2020 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 -- 18 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) (4)
PHY 333: Electronic Circuits and Measurements or PHY 334: Advanced Laboratory I (L) (3)

*Notes:* One of these courses may be used in the required courses area and the other toward elective credit hours in the minor, but neither course may be repeated for credit.

PHY 361: Introductory Modern Physics (3)

**Electives (choose two) -- 6 credit hours**

PHY 302: Mathematical Methods in Physics II (3)
PHY 310: Classical Particles, Fields, and Matter I (3)
PHY 314: Quantum Physics I (3)
PHY 333: Electronic Circuits and Measurements or PHY 334: Advanced Laboratory I (L) (3)

*Notes:* Students may choose PHY 333 or PHY 334 if not already taken to satisfy the required courses for the minor.

PHY 465: Advanced Laboratory 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.