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**

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  - 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.