2019 - 2020 Minor Map
Astronomy

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

Program Requirements

The minor in astronomy consists of a minimum of 24 credit hours. At least 12 credit hours must be upper-division courses. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 8 credit hours

**AST 113: Astronomy Laboratory I (SQ) (1)**
**AST 114: Astronomy Laboratory II (SQ) (1)**
**AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) (3)**
**AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) (3)**

Physics Core -- 8 credit hours

Student must complete two semesters of physics.

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

Electives -- 8 credit hours

Eight upper division credit hours of electives are chosen in consultation with an academic advisor in the School of Earth and Space Exploration.

**AST OR MAT OR PHY OR SES Upper Division Elective (8)**

In order to satisfy SQ natural science general studies requirements, both a lecture and its corresponding laboratory section must be completed.

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