2021 - 2022 Minor Map
Astrophysics

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

Program Requirements

The minor in astrophysics consists of a minimum of 20 credit hours. At least 12 credit hours must be upper-division. Students complete 12 credit hours of required coursework and select one of three eight-credit hour options to complete the minor. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

**Required Courses -- 12 credit hours**

- AST 321: Introduction to Planetary and Stellar Astrophysics (3)
- AST 322: Introduction to Galactic and Extragalactic Astrophysics (3)
- AST 421: Astrophysics I (3)
- AST 422: Astrophysics II (3)

**Electives Options -- 8 credit hours**

Choose one of the following options for the additional eight credit hours. (8)

**Option 1**

- SES 121: Earth, Solar System and Universe (SQ) (3)
- SES 123: Earth, Solar System and Universe Laboratory (SQ) (1)
- SES 126: Exploration of the Universe (3)
- SES 128: Exploration of the Universe Lab (1)

**Option 2**

- AST 111: Introduction to Solar Systems Astronomy (SQ) (4)
- AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) (4)

**Option 3**

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

In order to satisfy SQ natural science 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.