Astronomy, Minor

The minor in astronomy allows students to explore the latest discoveries about Earth's solar system, galaxy and universe. Students and faculty in astronomy are building space-flight hardware, making astronomical observations, discovering new planets, exploring cosmology and engineering new instruments for telescopes and satellites.

Description

The astronomy minor is designed for students interested in developing a basic understanding of astronomy and astrophysics and in analyzing issues through a scientific viewpoint.

At a Glance

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

2018 - 2019 Major Map

Major Map (Archives)

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

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)
Student must complete two semesters of physics

Electives -- 8 credit hours

AST OR MAT OR PHY OR SES Upper Division Elective (8)
Eight upper division credit hours of electives are chosen in consultation with an academic advisor in the School of Earth and Space Exploration.

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.

Enrollment Requirements

GPA Requirement: None

Majors Ineligible to Add This Minor: BS in earth and space exploration (astrophysics); BA in physics; BS in physics

Other Enrollment Requirements: None

Students interested in adding a minor in astronomy should contact an advisor in the School of Earth and Space Exploration to get information about the minor. Students will then work with the advisor in their major to have the minor officially added to their program.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information