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.