

## Requirements for the Astronomy Minor

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

A minor in astronomy consists of a minimum of 23 credit hours, of which at least 12 credit hours must be upper division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

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

### Required Courses – 14 credit hours

AST 111: Introduction to Solar Systems Astronomy (4)

AST 112: Introduction to Stars Galaxies and Cosmology (4)

AST 321: Introduction to Planetary and Stellar Astrophysics (3)

AST 322: Introduction to Galactic and Extragalactic Astrophysics (3)

### Electives – 9 credit hours

AST OR MAT OR PHY OR SES Upper-division elective (9)

**IMPORTANT NOTE:** Students cannot double count courses in their minor toward the CORE classes in their major (related area courses are okay). Therefore, certain combinations of majors and minors are not permitted.

**Incompatible Majors:** BS in Earth and Space Exploration (Astrophysics); BS in Astronomical and Planetary Sciences

## Astronomy Minor Checksheet

Course	Title	Pre-requisites	Offered
AST 111	Intro to Solar Systems Astronomy		F/SS
AST 112	Intro to Stars Galaxies and Cosmology		S
AST 321	Intro to Planetary and Stellar Astrophysics	MAT 266 or 271 with C or better; PHY 121 and 122 (or PHY 150) with C or better	F
AST 322	Intro to Galactic and Extragalactic Astro.	MAT 266 or 271 with C or better; PHY 121 and 122 (or PHY 150) with C or better	S

F=Fall, S=Spring, SS = Summer Session

**Substitutions:** All substitutions to minor requirements must be approved by a SESE advisor.

**Transfer coursework:** Must be evaluated by a SESE advisor before it can be applied toward minor requirements.