School of Earth and Space Exploration
Arizona State University

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

The College of Liberal Arts and Sciences
PO Box 876004 Tempe, AZ 85287-6004
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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/SS*
AST 321	Intro to Planetary and Stellar Astrophysics	All with a C or better: AST 112, or both SES 126 and 128; MAT 266 or MAT 271; PHY 121 and 122 (or PHY 150)	F
AST 322	Intro to Galactic and Extragalactic Astro.	All with a C or better: AST 112, or both SES 126 and 128; MAT 266 or MAT 271; PHY 121 and 122 (or PHY 150)	S

*May not be offered every summer 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.

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