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 course work 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 (SQ) (3)
AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) (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 122: History of the Earth and Solar System (3)
SES 123: Earth, Solar System and Universe Laboratory (SQ) (1)
SES 124: History of the Earth and Solar System Laboratory (1)

Option 2

AST 111: Introduction to Solar Systems Astronomy (SQ) (3)
AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) (3)
AST 113: Astronomy Laboratory I (SQ) (1)
AST 114: Astronomy Laboratory II (SQ) (1)

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.