ASTRONOMY AND ASTROPHYSICS, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

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Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student’s major(s).

Code  Title                                                                 Credits
Prescribed Courses
Prescribed Courses: Require a grade of C or better
ASTRO 291   Astronomical Methods and the Solar System  3
ASTRO 292   Astronomy of the Distant Universe          3
PHYS 211    General Physics: Mechanics                 4
Additional Courses
Additional Courses: Require a grade of C or better
Select 6-7 credits of the following:  6-7
   Additional ASTRO 400-level courses
   AERSP 308   Mechanics of Fluids                      
   AERSP 312   Aerodynamics II                         
   EE 472     Space Astronomy and Introduction to Space Science 
   GEOSC 474  Astrobiology                             
   METEO 466  Planetary Atmospheres                    
   PHYS 458   Intermediate Optics                     
Supporting Courses and Related Areas
Supporting Courses and Related Areas: Require a grade of C or better
Select 6 credits from 400-level ASTRO courses (except ASTRO 496)  6