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: 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: 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: Require a grade of C or better
Select 6 credits from 400-level ASTRO courses (except ASTRO 496)                           6