

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

| Requirement | Credits |
|----------------------------|---------|
| Requirements for the Minor | 22-23 |

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 | | |
| <i>Prescribed Courses: Require a grade of C or better</i> | | |
| 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 | | |
| <i>Additional Courses: Require a grade of C or better</i> | | |
| 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 | | |
| <i>Supporting Courses and Related Areas: Require a grade of C or better</i> | | |
| Select 6 credits from 400-level ASTRO courses (except ASTRO 496) | | 6 |