

The Ohio State University
College of Arts and Sciences

Astronomy & Astrophysics Minor

Department of Astronomy, 4055 McPherson Lab, 140 West 18th Avenue, Columbus, OH 43210-1340;
614-292-1773 <https://astronomy.osu.edu>

Astronomy and Astrophysics is the study of planets, stars, and galaxies, and the universe as a whole, including how these originate and how they evolve in time. The principal pursuits of the astronomer are to extend our understanding of the physical nature of the universe and to convey this understanding to students and the general public.

The minor in Astronomy & Astrophysics requires a minimum of 12 credit hours in required courses and additional courses drawn from either Astronomy or Physics. All students must take Astronomy 2291, 2292, and 3350. One additional course is also required.

Once the Director of Undergraduate Studies in the Department of Astronomy has approved the Minor Program Form, you should file the form with your college or school counselor. For further information about the minor program, contact the Department of Astronomy.

Required courses

Astronomy 2291, 2292, 3350

Additional courses (at least 3 credit hours are required)

Astronomy 5681, 5682
Physics 2300, 3470

A student majoring in Physics could not use Physics 2300 toward the Astronomy & Astrophysics minor because that course is required for the Physics major. A Physics major could instead take one of the three other options listed under additional courses.

**Some courses in this minor have prerequisites. Please consult the course bulletin before enrolling in courses. For example, all three required courses have Math 1151, 1152 (or equivalent), and Physics 1250, 1251 as prerequisites.*

Astronomy and Astrophysics minor program guidelines

Required for graduation No

Credit hours required A minimum of 12 credit hrs. 1000 level courses shall not be counted in the minor.

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor.

Overlap with the major and additional minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be counted toward the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of course graded Satisfactory/Unsatisfactory may count toward the minor

X193 credits No more than 3 credit hours.

Minor approval The minor course work must be approved by the Director of Undergraduate Studies in the Department of Astronomy.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by the Director of Undergraduate Studies in the Department of Astronomy

College of Arts and Sciences
Curriculum and Assessment Services
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