

# Astronomy, Minor

## Requirements

The undergraduate minor in astronomy requires a minimum of 15 s.h. in astronomy and physics courses, including 12 s.h. of coursework numbered 3000 or above and 12 s.h. taken at the University of Iowa. Students must maintain a grade-point average of at least 2.00 in all courses for the minor and in all UI courses for the minor. Coursework in the minor may not be taken pass/nonpass. CLAS minors may only be earned concurrent with or subsequent to earning a University of Iowa bachelor's degree. They cannot be granted as standalone credentials or as the sole program of study completed at the University of Iowa.

Course #	Title	Hours
6 s.h. from these:		
ASTR:3771	Introduction to Astrophysics I	3
ASTR:3772	Introduction to Astrophysics II	3
ASTR:4850	Observational Techniques in Astronomy	3

The remaining work may be chosen from astronomy and physics courses (prefixes ASTR and PHYS) numbered 3000 or above.

Most University of Iowa courses for the minor have prerequisites; students must complete a course's prerequisites before they may enroll in the course.

## Academic Plans

### Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

### Astronomy, Minor

Course	Title	Hours
<b>Academic Career</b>		
<b>Any Semester</b>		
12 semester hours for the Astronomy minor must be taken at the University of Iowa.		
<b>Hours</b>		<b>0</b>
<b>First Year</b>		
<b>Fall</b>		
MATH:1850	Calculus I <sup>a</sup>	4
PHYS:1701	Physics I	4
ASTR:1771	Fundamental Astronomy I: The Solar System and Exoplanets	4
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
MATH:1860	Calculus II	4
PHYS:1702	Physics II	4
ASTR:1772	Fundamental Astronomy II: Evolution of Stars, Galaxies, and the Universe	4
<b>Hours</b>		<b>12</b>

### Second Year

<b>Fall</b>		
MATH:2700	Introduction to Linear Algebra	4
PHYS:2703	Physics III	4
<b>Hours</b>		<b>8</b>

<b>Spring</b>		
MATH:2850	Calculus III	4
PHYS:2704	Physics IV	4
<b>Hours</b>		<b>8</b>

<b>Third Year</b>		
<b>Fall</b>		
ASTR:3771	Introduction to Astrophysics I <sup>b</sup>	3
<b>Hours</b>		<b>3</b>

<b>Spring</b>		
ASTR:3772	Introduction to Astrophysics II <sup>b</sup>	3
<b>Hours</b>		<b>3</b>

<b>Fourth Year</b>		
<b>Fall</b>		
Minor: 3000-level or above course		3
<b>Hours</b>		<b>3</b>

<b>Spring</b>		
Minor: 3000-level or above course (ASTR:4850 Observational Techniques in Astronomy is recommended)		3
<b>Hours</b>		<b>3</b>
<b>Total Hours</b>		<b>52</b>

a Enrollment in math courses requires completion of a placement exam.

b Typically this course is offered every other year. Check MyUI for course availability since offerings are subject to change.