

# ASTRONOMY MINOR

## Minor - Astronomy

### Summary

Code	Title	Hours
Lower-Division Physics Courses		10
Lower-Division Astronomy Courses		6-7
Core Course		
Core Elective		
Electives		9
<b>Total Hours</b>		<b>25-26</b>

**Degree Specific Credits:** 25-26

**Required Cumulative GPA:** 2.0

**Note:** Mathematics prerequisites for the Astronomy minor are M 171, M 172, and M 273

### Lower-Division Physics Courses

**Note:** The Physics with Calculus series (PHSX 215N - PHSX 218N) is strongly recommended.

Code	Title	Hours
<b>Complete one of the following Physics sequences:</b>		<b>10</b>
<b>Algebra- and Trigonometry-based Physics:</b>		
PHSX 205N & PHSX 206N	College Physics I and College Physics I Laboratory	
PHSX 207N & PHSX 208N	College Physics II and College Physics II Laboratory	
<b>Calculus-based Physics:</b>		
PHSX 215N & PHSX 216N	Fundamentals of Physics with Calculus I and Physics Laboratory I with Calculus	
PHSX 217N & PHSX 218N	Fundamentals of Physics with Calculus II and Physics Laboratory II with Calculus	
<b>Total Hours</b>		<b>10</b>

Minimum Required Grade: C-

### Lower-Division Astronomy Courses

**Rule:** Complete the following subcategories of courses. 6-7 total credits required.

#### Core Course

Code	Title	Hours
<b>Complete the following course:</b>		
ASTR 131N	Planetary Astronomy	3
<b>Total Hours</b>		<b>3</b>

Minimum Required Grade: C-

#### Core Elective

Code	Title	Hours
<b>Complete one of the following courses:</b>		
ASTR 132N or ASTR 142N	Stars, Galaxies, and the Universe The Evolving Universe	3-4
<b>Total Hours</b>		<b>3-4</b>

Minimum Required Grade: C-

### Electives

Code	Title	Hours
<b>Complete three of the following courses:</b>		<b>9</b>
ASTR 351	Planetary Science	
ASTR 353	Galactic Astrophysics	
ASTR 362	Observational Astronomy	
ASTR 363	Stellar Astronomy & Astrophysics I	
<b>Total Hours</b>		<b>9</b>

Minimum Required Grade: C-