

# Astrophysics, Minor

The minor in astrophysics provides a foundation in classical and modern astrophysics at an undergraduate curriculum level and helps students explore some of the most groundbreaking recent discoveries that shape our current understanding of the universe.

## Restrictions

Due to considerable overlap of course requirements, this minor is not available for students pursuing the BS degree in physics, applied physics, or biomedical physics.

## Minor Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

### Introductory Courses

Code	Title	Hours
PHYS 1111	Introduction to Astronomy	4
Complete one of the following sequences:		10
<b>Physics 1 and 2</b>		
PHYS 1161 and PHYS 1162	Physics 1 and Lab for PHYS 1161	
PHYS 1165 and PHYS 1166	Physics 2 and Lab for PHYS 1165	
<b>Physics for Engineering 1 and 2</b>		
PHYS 1151 and PHYS 1152 and PHYS 1153	Physics for Engineering 1 and Lab for PHYS 1151 and Interactive Learning Seminar for PHYS 1151	
PHYS 1155 and PHYS 1156 and PHYS 1157	Physics for Engineering 2 and Lab for PHYS 1155 and Interactive Learning Seminar for PHYS 1155	

### Intermediate Courses

Code	Title	Hours
PHYS 2303	Modern Physics	4
PHYS 3111	Astrophysical Processes: Decoding the Universe	4

### Advanced Course

Code	Title	Hours
PHYS 4111	Multimessenger Astrophysics	4

### GPA Requirement

2.000 GPA required in the minor