

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
Physics 1 and 2		
PHYS 1161 and PHYS 1162	Physics 1 and Lab for PHYS 1161	
PHYS 1165 and PHYS 1166	Physics 2 and Lab for PHYS 1165	
Physics for Engineering 1 and 2		
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