

MINOR IN ASTROPHYSICS

Overview

The Astrophysics minor is designed for non-Physics majors and minors to offer students with education in a discipline different from Physics the opportunity to expand their interest in Astrophysics and strengthen their quantitative and problem-solving skills with direct application to Astrophysics. The Astrophysics minor requires 16 or 17 credits within the Department of Physics (depending on the University Physics sequence taken), covering fundamental physics courses (one of the University Physics sequences), a course in Modern Physics (which covers, among other topics, special relativity and properties of light), and the Introduction to Astrophysics (which covers fundamental tools in astrophysics and a study of the properties of Astrophysical objects).

Curriculum Requirements

A minor in astrophysics consists of a University Physics Sequence (3 options), plus Modern Physics (PHY 360) and the Introduction to Astrophysics (PHY 545). All courses at the 300-level or higher must be taken at UM.

Code	Title	Credit Hours
University Physics with labs (Complete one of the following sequences)		10-11
PHY 201 & PHY 202 & PHY 106 & PHY 108	University Physics I for the Sciences and University Physics II for the Sciences and College Physics Laboratory I and College Physics Laboratory II	
PHY 211 & PHY 212 & PHY 106 & PHY 108	University Physics I for PRISM and University Physics II for PRISM and College Physics Laboratory I and College Physics Laboratory II	
PHY 221 & PHY 222 & PHY 223 & PHY 224 & PHY 225	University Physics I and University Physics II and University Physics III and University Physics II Lab and University Physics III Lab	
PHY 221 & PHY 230 & PHY 224 & PHY 225	University Physics I and Honors University Physics II-III and University Physics II Lab and University Physics III Lab	
Modern Physics (Complete the following)		3
PHY 360	Introduction to Modern Physics	
Introduction to Astrophysics (Complete the following)		3
PHY 545	Introduction to Astrophysics	
Total Credit Hours		16-17