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	University Physics I for the Sciences	
& PHY 202	and University Physics II for the Sciences	
& PHY 106	and College Physics Laboratory I	
& PHY 108	and College Physics Laboratory II	
PHY 211	University Physics I for PRISM	
& PHY 212	and University Physics II for PRISM	
& PHY 106	and College Physics Laboratory I	
& PHY 108	and College Physics Laboratory II	
PHY 221	University Physics I	
& PHY 222	and University Physics II	
& PHY 223	and University Physics III	
& PHY 224	and University Physics II Lab	
& PHY 225	and University Physics III Lab	
PHY 221	University Physics I	
& PHY 230	and Honors University Physics II-III	
& PHY 224	and University Physics II Lab	
& PHY 225	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**