

# 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

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