ASTRONOMY MINOR

https://ceps.unh.edu/physics/program/minor/astronomy

Description

This minor program introduces students to the fundamentals of astronomy and astrophysics and also allows students some flexibility in their choice of more focused coursework. The required courses cover the following topics: planets, stars, galaxies, cosmology, and modern astronomical tools. We have two flavors of the minor, one for those also getting a physics degree, and another for students outside of the physics major.

Credit toward the minor will be given only for courses passed with C- or better, and a 2.0 grade-point average must be maintained in courses for the minor. Courses taken on the pass/fail basis may not be used for the minor. Students should declare their intent to earn a minor as early as possible and no later than the end of the junior year. During their final term, students must fill out an intent to minor and have it signed by the appropriate faculty.

The minor requires a minimum of five courses as detailed in the minor requirements. No more than 8.0 credits (or two courses) used by the student to satisfy major requirements may be used for the minor. Additional courses from the list of course electives may be utilized to meet the five-course minimum.

For further information please contact Professor Mark McConnell.

Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 406</td>
<td>Introduction to Modern Astronomy</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 710</td>
<td>Astrophysics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 711</td>
<td>Astrophysics II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 505</td>
<td>General Physics III (for non-physics majors only)</td>
<td>3</td>
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<tr>
<td>PHYS 506</td>
<td>General Physics III Laboratory (for non-physics majors only)</td>
<td>1</td>
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</tbody>
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Select two courses (physics majors) or one course (non-physics majors) from the following:

- ESCI 420 Our Solar System
- ESCI 741 Geochemistry
- ESCI 745 Isotope Geochemistry

The following courses have significant physics pre-requisites and so may not be practical for non-physics majors

- PHYS 708 Optics
- PHYS 712 Space Plasma Physics
- PHYS 764 General Relativity and Cosmology
- PHYS 791 Special Topics

Total Credits 24