# ASTRONOMY MINOR

## Lower-Division

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 142</td>
<td>General Physics II ¹</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 143</td>
<td>General Physics III ¹</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>Modern Physics I ¹</td>
<td>4</td>
</tr>
</tbody>
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## Upper-Division ¹2-13

Select the following four courses:

- ASTR 301 Planetary Systems ¹
- ASTR 302 Stars and Galaxies ¹
- ASTR 326 Cosmology
- ASTR 444 Observational Astronomy

Or select three of the above ASTR courses and at least 3 units from the following electives:

- AERO 351 Introduction to Orbital Mechanics ¹
- ASTR 470 Selected Advanced Topics
- ASTR 471 Selected Advanced Laboratory
- GEOL 415 Structural Geology ¹
- PHYS 305 Classical Mechanics I ¹
- PHYS 313 Introduction to Atmospheric Physics ¹
- PHYS 318 Special Theory of Relativity
- PHYS 323 Optics ¹
- PHYS 410 Physics of Solid Earth ¹
- PHYS 418 Introduction to General Relativity

## Total units

24-25

¹ Requires additional prerequisites.