## PHYSICS MINOR

### Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 133</td>
<td>General Physics III</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>Modern Physics I</td>
<td>4</td>
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### Physics/Astronomy Electives

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>PHYS 202</td>
<td>Physics on the Computer</td>
</tr>
<tr>
<td>or PHYS 212</td>
<td>Modern Physics II</td>
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Any upper division PHYS course (300-400 level) or...

- PHYS 301 | Thermal Physics I
- PHYS 302 | Classical Mechanics I
- PHYS 322 | Vibrations and Waves
- PHYS 323 | Optics
- PHYS 405 | Quantum Mechanics I
- PHYS 408 | Electromagnetic Fields and Waves I
- PHYS 412 | Solid State Physics

Must include at least one of the following courses:

- PHYS 301 | Thermal Physics I
- PHYS 302 | Classical Mechanics I
- PHYS 322 | Vibrations and Waves
- PHYS 323 | Optics
- PHYS 405 | Quantum Mechanics I
- PHYS 408 | Electromagnetic Fields and Waves I
- PHYS 412 | Solid State Physics

Students may also select a maximum of 4 units from:

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

### Total units

<table>
<thead>
<tr>
<th>Units</th>
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<tbody>
<tr>
<td>24</td>
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1 A minimum of 12 units must be upper division.