# 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>
</tr>
</tbody>
</table>

## Physics/Astronomy Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</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>
</tr>
</tbody>
</table>

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 |

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1 A minimum of 12 units must be upper division.