A minor in Astronomy and Astrophysics consists of:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 110</td>
<td>FRONTIERS IN SCIENCE</td>
<td></td>
</tr>
<tr>
<td>PH 111 &amp; PH 114</td>
<td>GEN PHYSICS W/CALCULUS I and GENERAL PHYSICS LAB I</td>
<td></td>
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<tr>
<td>AST 106</td>
<td>EXPLORING THE COSMOS I</td>
<td></td>
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<tr>
<td>AST 107</td>
<td>EXPLORING THE COSMOS II</td>
<td></td>
</tr>
<tr>
<td>AST 371</td>
<td>INTRO TO ASTROPHYSICS</td>
<td></td>
</tr>
<tr>
<td>PH/OPT/AST 300+ or 400+ course ¹</td>
<td></td>
<td>¹</td>
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</tbody>
</table>

**Total Semester Hours** 21

1 PH 499 is an acceptable course for the PH 300+ or 400+ course.