MINOR IN ASTRONOMY

The 23-unit Astronomy minor program is directed toward students who are not physics majors but who could benefit from the scientific rigor and interdisciplinary nature of astronomy. Astronomy naturally cuts across several scientific disciplines including physics, biology, chemistry, computer science and planetary science. Students with an interdisciplinary background are increasingly in high demand. In addition to excellent preparation for a variety of technical fields, students seeking involvement in science in a public capacity, e.g., teachers, science public policy advisers, or science writers, will be well prepared by the program to relate and interpret new findings to the public.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 161</td>
<td>GENERAL ASTRONOMY I</td>
<td>4</td>
</tr>
<tr>
<td>ASTR 162</td>
<td>GENERAL ASTRONOMY II</td>
<td>4</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td>8</td>
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<tr>
<td>PHYS 211 &amp; PHYS 212</td>
<td>GENERAL PHYSICS I; NON CALCULUS-BASED and GENERAL PHYSICS II; NON CALCULUS-BASED</td>
<td></td>
</tr>
<tr>
<td>PHYS 241 &amp; PHYS 242</td>
<td>GENERAL PHYSICS I CALCULUS-BASED and GENERAL PHYSICS II CALCULUS-BASED</td>
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<tr>
<td>PHYS 251 &amp; PHYS 252</td>
<td>HONORS GENERAL PHYSICS I CALCULUS-BASED and HONOR GENERAL PHYSICS II CALCULUS-BASED</td>
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<td>ASTR 385</td>
<td>ASTROPHYSICS SEMINAR</td>
<td>1</td>
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<td>ASTR XXX or PHYS XXX</td>
<td>Upper-Division Astronomy or Physics Elective</td>
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<td>Total Units</td>
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<td>23</td>
</tr>
</tbody>
</table>

Students interested in pursuing the Astronomy minor should consult the Astronomy minor adviser as soon as possible in order to design an appropriate schedule. Course substitutions may be requested and must be approved by the Astronomy faculty. At least 8 upper-division units must be taken at Towson. A grade equivalent of 2.00 or higher must be earned in each course.