Physics, B.A.

Requirements
The Bachelor of Arts with a major in physics requires a minimum of 120 s.h., including at least 44 s.h. of work for the major (minimum of 24 s.h. in physics plus 20 s.h. in supporting coursework). The B.A. program requires fewer physics courses than the B.S. program does, giving students a wider choice of electives. Students must maintain a g.p.a. of at least 2.00 in all courses for the major and in all UI courses for the major. They also must complete the College of Liberal Arts and Sciences GE CLAS Core.

The major is designed for students who wish to build a foundation of knowledge in physics but do not plan a research-oriented career in the discipline. The B.A. program also is good preparation for students interested in secondary school science teaching; see "Teacher Licensure" below. Bachelor of Arts students majoring in physics who are interested in science teaching and in earning a graduate degree may enroll in a combined degree program offered by the College of Liberal Arts and Sciences and the College of Education; see "B.A./M.A.T. (Science Education Subprogram)" under Combined Programs [p.] in this section of the Catalog.

The B.A. with a major in physics requires the following courses or their equivalents.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mathematics Courses</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Physics Courses</td>
<td>15-19</td>
</tr>
<tr>
<td></td>
<td>Elective Physics Courses</td>
<td>9-10</td>
</tr>
<tr>
<td></td>
<td>Supporting Coursework</td>
<td>12</td>
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<tr>
<td></td>
<td>Total Hours</td>
<td>44-49</td>
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Mathematics Courses

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<tr>
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<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td>Both of these:</td>
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</tr>
<tr>
<td>MATH:1850</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH:1860</td>
<td>Calculus II</td>
<td>4</td>
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</table>

Physics Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>These three courses:</td>
<td></td>
</tr>
<tr>
<td>PHYS:1701</td>
<td>Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS:1702</td>
<td>Physics II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS:2703</td>
<td>Physics III</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Or these two courses:</td>
<td></td>
</tr>
<tr>
<td>PHYS:1611</td>
<td>Introductory Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS:1612</td>
<td>Introductory Physics II</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Both of these:</td>
<td></td>
</tr>
<tr>
<td>PHYS:2704</td>
<td>Physics IV</td>
<td>4</td>
</tr>
<tr>
<td>PHYS:3756</td>
<td>Intermediate Laboratory</td>
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</table>

Elective Physics Courses

<table>
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<tr>
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<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Three of these:</td>
<td></td>
</tr>
<tr>
<td>PHYS:3710</td>
<td>Intermediate Mechanics</td>
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</tbody>
</table>
major should consult with their advisors. See Requirements for a Bachelor’s Degree on the College of Liberal Arts and Sciences website.