### BA in physics with a minor in secondary education

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman</strong></td>
<td></td>
</tr>
<tr>
<td>Calculus I</td>
<td>Calculus II</td>
</tr>
<tr>
<td>PH 201/291 General Physics I + lab</td>
<td>PH 202/292 General Physics II + lab</td>
</tr>
<tr>
<td>WR 100 (core)</td>
<td>CS 151</td>
</tr>
<tr>
<td>Language (core)</td>
<td>ED 205 Educ Psych (could be taken later)</td>
</tr>
<tr>
<td>Social science 1 (core)</td>
<td>History 100 (core) or language</td>
</tr>
<tr>
<td><strong>Sophomore</strong></td>
<td></td>
</tr>
<tr>
<td>Calculus III</td>
<td>Differential equations</td>
</tr>
<tr>
<td>Math methods in physics</td>
<td>Thermodynamics</td>
</tr>
<tr>
<td>Modern physics</td>
<td>Classical mechanics</td>
</tr>
<tr>
<td>Interm lab I (1 cr)</td>
<td>Interm Lab II (1 cr)</td>
</tr>
<tr>
<td>ED 100 or ED 101 + ED 431 (1 cr) Intro to Education or Urban Educ + field experience</td>
<td>SE 296 + ED 438 (1 cr) Intro Spec. Ed + field experience</td>
</tr>
<tr>
<td>English 1 or language</td>
<td>Social science 2 (core) or language</td>
</tr>
<tr>
<td><strong>Major decision point</strong> to embark on this path</td>
<td></td>
</tr>
<tr>
<td><strong>Junior</strong></td>
<td></td>
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<tr>
<td>Quantum mechanics I *</td>
<td>Fine Arts (core)</td>
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<tr>
<td>Elec &amp; magnetism I *</td>
<td>History 2 (core)</td>
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<tr>
<td>Experimental methods I (2 cr) *</td>
<td>Experimental methods II (2 cr) *</td>
</tr>
<tr>
<td>RE 474 * Literacy in the Content Area</td>
<td>ED 429 + ED 434 (1 cr) Sec. Methods in teaching + field experience</td>
</tr>
<tr>
<td>Philosophy 1 (core)</td>
<td>Philosophy 2 (core)</td>
</tr>
<tr>
<td>English 2 (core)</td>
<td>Theology 1 (core)</td>
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<tr>
<td><strong>Senior</strong></td>
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<tr>
<td>ED 422 Teaching of Science + ED 432 (1 cr) Internship1 and Seminar</td>
<td>ED 452 Internship 2: Student teaching (12 cr)</td>
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<tr>
<td>Theology 2 (core)</td>
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<tr>
<td>Ethics (core)</td>
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<tr>
<td>Elective</td>
<td>Elective (4:30 pm or later)</td>
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<tr>
<td>Elective</td>
<td>Take Praxis II (includes physics content)</td>
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<tr>
<td></td>
<td>Apply to state for certification.</td>
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</tbody>
</table>

**Issues**

- NY and NJ (and some other states) have additional requirements, but they will hire teachers provisionally and give them a year to complete the requirements. You will not have to wait a year to get a job in those states. If you stay and teach in Maryland for 3 years and earn tenure, most other states will not require any additional tests/portfolios/etc. You should check with the state you want to teach in; requirements keep changing.