## BACHELOR OF SCIENCE IN PHYSICS
### GENERAL OPTION

The following is a course of study that will lead to a BS in Physics, General Option. It assumes quality high school preparation in pre-calculus mathematics and physics but no entering credit. For simplicity's sake, the schedule sticks to five courses per semester.

Please note that this is only a suggested schedule. Differing circumstances and interests will cause individual's schedules to vary from this list.

### FALL
#### YEAR 1
- Phys 1600
- Math 1131 (Calc 1)
- Chem 1127
- English 1010/1011 [Writing requirement]
- Gen Ed I-A

#### YEAR 2
- Phys 1602
- Math 2110 (Multivariable) [Related Elective I]
- Phys 2501 (Laboratory in Mechanics)
- Gen Ed I-C
- Gen Ed II

#### YEAR 3
- Phys 3101 (Mechanics 1)
- Phys 3201 (E&M 1)
- Phys 3401 (QM 1)
- Gen Ed IV
- Elective

#### YEAR 4
- Physics Elective 3
- Related Elective 3
- Related Elective 4
- Gen Ed IV
- Elective

### SPRING

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
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<tbody>
<tr>
<td>Phys 1601</td>
<td>Math 1132 (Calc2)</td>
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<tr>
<td>Chem 1128</td>
<td>Gen Ed I-B</td>
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<tr>
<td>Gen Ed I-A</td>
<td>Gen Ed II</td>
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<tr>
<td>Phys 2300 (Fund. QM)</td>
<td>Phys 2400 (Math Methods) [Physics Elective 1]</td>
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<td>Math 2410 (Elem Diff Eq) [Related Elective 2]</td>
<td>Biol 1107/1108/1110</td>
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<td>Gen Ed I-D</td>
<td>Gen Ed IV</td>
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<tr>
<td>Phys 3202 (E&amp;M 2)</td>
<td>Phys 3402 (QM 2) [Physics Elective 2]</td>
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<tr>
<td>Phys Lab 2 (Phys 2502, 3150, or 4150)*</td>
<td>Gen Ed IV</td>
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<td>Elective</td>
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<td>Phys 3300 (Stat Mech)</td>
<td>Physics Elective 4</td>
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### NOTES:
- 120 total credits are required for a degree.
- The Chem, Math, Phys, and Bio 1XXX courses are CLAS BS requirements, Gen Ed Area III. Alternate choices exist.
- Math 2110-2410 are pre-reqs for physics courses, but also count towards 12 credits in a related field.
- * Particular Phys Lab 2 courses are not offered every year, and 4150 is typically a fall course. Check with your advisor for scheduling.
- Phys 2400 and 3402 are listed as examples and suggestions for two of four required physics electives.
- An appropriate number of general education (Gen Ed) courses are listed, though the order they appear is arbitrary and specific course choices are not made, with the exception of Area III – Science and Technology. In addition to those listed, you must take one other W course and satisfy the foreign language requirement. For a synopsis of Gen Ed requirements for CLAS students see the catalog for the year you declared your major or the web page of the academic services center, http://www.services.clas.uconn.edu/gened.html.
- For more details please see the university catalog, the physics plan of study, and contact your advisor.