

## BACHELOR OF ARTS IN PHYSICS – SUGGESTED COURSE OF STUDY

The following is a course of study that will lead to a BA in Physics. It assumes quality high school preparation in pre-calculus mathematics and physics but no entering credit. Please note that this is only a suggested schedule. Differing circumstances and interests will cause individual schedules to vary from this list.

<p><b>Fall – Year 1</b> (16 credits)</p> <p>PHYS 1600            MATH 1131 (Calc 1)            CHEM 1127 [Gen Ed Content Area III]            ENGL 1010/1011 (Writing requirement)</p>	<p><b>Spring – Year 1</b> (18 credits)</p> <p>PHYS 1601 [Gen Ed Content Area III]            MATH 1132 (Cal 2)            Elective            Gen Ed Content Area I-A            Gen Ed Content Area II</p>
<p><b>Fall – Year 2</b> (17 credits)</p> <p>PHYS 1602            MATH 2110 (Multivariable) [Related Elective 1]            PHYS 2501W (Laboratory in Mechanics)            Gen Ed Content Area I-B            Gen Ed Content Area II</p>	<p><b>Spring – Year 2</b> (16 credits)</p> <p>PHYS 2300 (Development of Quantum Physics)            MATH 2410 (Elem Diff Eq) [Related Elective 2]            Gen Ed Content Area I-C            Elective            Elective</p>
<p><b>Fall – Year 3</b> (15 credits)</p> <p>PHYS 3101 (Mechanics 1)            PHYS 3201 (Electricity and Magnetism 1)            Gen Ed Content Area I-D            Elective (perhaps second “W” Course)            Elective</p>	<p><b>Spring – Year 3</b> (16 credits)</p> <p>PHYS 3300 (Statistical and Thermal Mechanics)            Physics Elective 1            Related Elective 3            Gen Ed Content Area I-E            Gen Ed Content Area IV</p>
<p><b>Fall – Year 4</b> (12 credits)</p> <p>Physics Elective 2            Elective            Elective            Related Elective 4</p>	<p><b>Spring – Year 4</b> (12 credits)</p> <p>Physics Elective 3            Elective            Elective            Gen Ed Content Area IV</p>

### NOTES:

- 120 total credits are required for a degree.
- There are alternatives to the CHEM, MATH, and PHYS 1XXX level courses listed.
- MATH 2110-2410 are pre-reqs for physics courses, but can also count towards 12 credits in a related field.
- An appropriate number of Gen Ed courses are listed, though the order they appear is arbitrary and specific choices are not made, with the exception of AREA III – Science and Technology. The Chemistry course can be changed to any appropriate Area III course.
- In addition to those listed, students must take one other W course and satisfy the foreign language requirement. For a synopsis of Gen Ed requirements for CLAS, students should see the catalog for the year in which their major is declared, or the webpage of the academic services center <http://clasadvising.uconn.edu/general-education-requirements/>
- For more details please see the university catalog, the physics plan of study, and contact your advisor.
- Beginning Fall 2019 one “E” course required (can simultaneously fulfill a Gen Ed Content Area requirement).