

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.

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

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).