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/](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).