

BACHELOR OF ARTS IN PHYSICS

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. 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 [Gen Ed III]
English 1010/1011 [Writing requirement]
Gen Ed I-A

YEAR 2

Phys 1602
Math 2110 (Multivariable) [Related Elective 1]
Phys 2501 (Laboratory in Mechanics)
Gen Ed II
Gen Ed I-C

YEAR 3

Phys 3101 (Mechanics 1)
Phys 3201 (E&M 1)
Gen Ed IV
Elective
Elective

YEAR 4

Physics Elective 2
Related Elective 4
Elective
Elective
Elective

SPRING

Phys 1601 [Gen Ed III]
Math 1132 (Calc2)
Elective
Gen Ed I-B
Gen Ed II

Phys 2300 (Fund. QM)
Math 2410 (Elem Diff Eq) [Related Elective 2]
Gen Ed I-D
Elective
Elective

Physics Elective 1
Related Elective 3
Gen Ed IV
Gen Ed I-E
Elective

Phys 3300 (Stat Mech)
Physics Elective 3
Elective
Elective
Elective

NOTES:

- 120 total credits are required for a degree.
- There are alternatives to the Chem, Math, and Phys 1XXX level courses listed.
- Math 2110 and 2410 are prerequisites for advanced physics courses, but can also count towards the required 12 credits in a field related to physics.
- 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. The Chemistry course can be changed to any appropriate Area III course. 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 catalog, the physics plan of study, and contact your advisor.