

Physics Major

(11.5 units)

1. Nine and one-half departmental units:
 - a. Physics 101, 102, 206, 210, 380 (.5).
 - b. At least 1 unit chosen from 320, 330, 340, or 350.
 - c. Four additional elective units:
 - i. No more than two 100-level units.
 - ii. No more than 1 total unit of Physics 300, 390, and 395.
 - iii. One unit of computer science or mathematics may be substituted for a physics elective, with departmental approval.
2. Supporting courses (2 units): Mathematics 110 or 113, and 115.
3. Writing/communication requirement: Majors are required to take at least 4 courses designated W, at least 1 of which must be outside the department. (Transfer students reduce this requirement by 1 course per year of advanced standing.) Departmental W courses include Physics 130, 250, 380, and other courses as designated by the instructor.
4. Physics majors planning to attend graduate school in physics are strongly urged to take all of the core 300-level physics courses (320, 330, 340, and 350; taught on a two-year cycle) and Mathematics 175.
5. Students are strongly encouraged to do a semester of off-campus study or study abroad. Possible programs include the Oak Ridge Science Semester; many international opportunities include the possibility of taking upper-level physics courses.
6. All physics majors are encouraged to do an internship or independent research, often in the form of a paid summer REU.

Physics Minor

(6 units)

1. Four departmental units:
 - a. Physics 101.
 - b. Three additional elective units:
 - i. One course must be at the 200-level or above.
 - ii. No more than 1 total unit of Physics 300, 390, and 395.
2. Supporting courses (2 units): Mathematics 110 or 113, and 115.