

**Requirements for the minor in  
PHYSICS, 2020-2021**

All courses to be applied to the minor must be completed on a letter-grade basis, with the exception of up to 5 units from the following: Physics 142L, 143L, 144L, 145L, 198, 199.

**PREPARATION**

**UNITS**

Physics 1-2-3-4-5 (or Physics 20-21-22-23-24-25) and Physics 3L-4L-5L  
 or 25L or 13AH-BH-CH ..... 20-31 \_\_\_\_\_  
 Mathematics 3A-B, 4A-B, 6A-B ..... 24 \_\_\_\_\_

**UPPER-DIVISION**

18 units are required, distributed as follows:

3 courses chosen from the following:

Physics 101, 102, 103, 104, 110A-B, 115A-B or 119A-B..... 12 \_\_\_\_\_  
 UD Physics electives..... 6 \_\_\_\_\_

Substitutions and waivers are subject to approval by the faculty advisor.

Students must consult the *General Catalog* for prerequisites to required courses.

The following conditions must also be met for official recognition of the minor:

- The sponsoring department reports completion of the minor prior to the posting of the degree.
- At least 18 upper-division quarter units are completed for the minor. (Waivers cannot reduce the requirement below this number.)
- At least 12 of the upper-division units for the minor are completed while in residence at UCSB.
- The UC grade-point average in **ALL** applicable upper-division courses is 2.0 or higher.
- No more than 5 upper-division units overlap between this minor and the upper-division portion of the major(s) or other minor(s). If overlap is greater with the major(s), completion of the minor will not be formally recognized; if overlap with other minor(s) is greater, only the first minor reported will be recognized.