

OCEANOGRAPHY MINOR

Offered at: Solano Campus

Minor Requirements and Curriculum

The minor must be completed prior to, or at the same time as, the requirements for the bachelor's degree. A major and a minor may not be taken in the same degree program, and a minor is not required for a degree. Requirements for the minor include:

- At least half of the units must be from upper-division courses (3000-4000 level).
- At least half of the units must be taken at Cal Poly (in residence).
- No more than one-third of the units will be taken with credit-no credit grading (CR/NC), not counting courses with mandatory CR/NC. Departments may further limit CR/NC grading if desired.
- A minimum 2.0 GPA is required in all units counted for completion of the minor.

| Code | Title | Units |
|----------------------------|---|-----------|
| REQUIRED COURSES | | |
| OCN 1100 or OCN 1110 | Marine Biology Marine Ecology | 3 |
| OCN 2200 | Oceanography I: Geology and Chemistry | 3 |
| OCN 2210 | Oceanography II: Physics and Biology | 3 |
| Select from the following: | | 1 |
| OCN 1100L | Marine Biology Laboratory | |
| OCN 1110L | Marine Ecology Laboratory | |
| OCN 2200L | Introduction to Oceanography Laboratory | |
| OCN 2210L | Introduction to Oceanography Laboratory II | |
| Select from the following: | | 6 |
| OCN 3310 & OCN 3310L | Oceanographic Instruments and Analysis and Oceanographic Instruments and Analysis Laboratory | |
| OCN 3320 | Oceans and Climate | |
| OCN 3330 | Marine Microbial Ecology | |
| OCN 3340 | Chemical Oceanography | |
| OCN 3350 | Physical Oceanography | |
| OCN 4410 | Phycology | |
| OCN 4420 | Marine Biological Invasion | |
| OCN 4440 | Introduction to Ocean Remote Sensing | |
| Total Units | | 16 |