

Atmospheric and Oceanic Sciences 3L:

Lab Section for Atmospheric and Oceanic Sciences 3

Not all students are required to take A&O Sci 3 as a five-unit course:

Your GE requirements in “Foundations of Scientific Inquiry” are 18 units with at least:

One 5-unit course in either Physical Science or Life Science, with a lab/demo component

This means that in addition to this five-unit course, you need more science courses of 4 or 5 units each (at least one each of Physical and Life Sciences) and they do not need to have a lab/demo.

You have two options:

1. Take A&O Sci 3 and A&O Sci 3L concurrently for a total of 5 units. This will satisfy the Physical Sciences w/lab component requirement.
2. Take A&O Sci 3 only (no lab) for 4 units. This will count toward the “Scientific Inquiry” requirement but not the Physical Sciences w/lab requirement.

General information about the lab for everyone

Please note that if you want or need to have the lab/demo credit for this course, **you must enroll in the 3L course at the same time as lecture.** You will not be able to get the lab credit if you attempt to take the lab during a different quarter (there is nothing to really stop you from doing so however; it’s just that you will get an “F” for the lab).

Lab Assignments. There will be four lab assignments, some of which may be a quarter-long assignments, starting in the first or second week of classes. Some of these assignments can be just worksheets where you work out problems and write up explanations. Some of the assignments may require the use of an instructional module that we will post on the class web site, so some kind of Internet access will be required. One or more may require environmental observations over most of the quarter. The tentative lab assignments include assembly of a cloud portfolio; analysis of humidity measurements; and weather map drawing and analysis.

Communication about the lab assignments. Information about the labs, availability of lab worksheets, due dates—is done by broadcasting mass email and by announcements in class and on the class website. **You must have a valid email entered into the Registrar’s system via URSA.** Failure to do so may mean you may miss some important messages about the labs. The official web page for the lab is:

<http://www.atmos.ucla.edu/AS3/lab/labinfo.html>

Grading. Each lab assignment is worth 25 points. The final course grade for the lecture and lab will be a single grade based on the points earned from the lecture section and the lab section added together (i.e., out of 1100 points). Your transcript will show two separate grades, one for the lecture and one for the lab, but they will be the same (unless you set one for letter grade and the other P/NP). The grade breakdown will be the same *percentages* noted for the lecture section.

You must write up your own labs. While you may collaborate with other students in the course while you work on the labs, you cannot have people not enrolled in the course help you with the labs or do the lab work for you. Students who have proxies complete their lab work or who produce fabricated data for an assignment will have the assignments put on deferred status and the case will be prosecuted by the Office of the Dean of Students.