

# Atmospheric & Oceanic Sciences 2L:

## Lab Section for Atmospheric & Oceanic Sciences 2

Not all students are required to take A&O Sci 2 as a five-unit course:

**For students entering UCLA in Fall 2010 and after:**

Your GE requirements in “Foundations of Scientific Inquiry” are 18 units including:

One 5-unit course in Physical Science with a lab/demo component, OR

One 5-unit course in Life Science with a lab/demo component

AND: At least two of each of 4 or 5-unit Physical and a Life Science courses, to give an overall total of 18 units

The 4-unit courses do not give lab/demo credit (though they may have lab components). The 4-unit courses require less time commitment compared to a 5-unit course.

You have two options with our course:

1. Take A&O Sci 2 and A&O Sci 2L concurrently for a total of 5 units. This will satisfy the Physical Sciences w/lab component requirement.
2. Take A&O Sci 2 only (no lab) for 4 units. This will count toward the “Scientific Inquiry” requirement but not the Physical Sciences w/lab requirement. You will need to take another Physical Science course that has a lab (may I shamelessly suggest A&O Sci 3 + A&O Sci 3L, or A&O Sci 1 + A&O Sci 1L?).

### General information about the lab

The lab section and the lecture/discussion are to be taken together. You cannot get credit for the lab in a separate quarter.

**Lab Assignments.** There will be four lab assignments, starting in the second or third week of classes (it is possible that this may be revised to be three assignments). Some of these assignments will be just worksheets where you work out problems and write up explanations. Some may require you to do research on the Internet or at the libraries. The tentatively planned labs involve news article retrieval, box model calculation, pollution dispersion analysis, and daily smog pattern analysis.

**Communication about the lab assignments.** Information about the labs, availability of lab worksheets, due dates—is done by broadcasting mass email. **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. If you are not a UCLA student and cannot easily register your email address, you can also get information from our course web page, and the special web page for the lab assignments:

<http://www.atmos.ucla.edu/AS2/lab/labinfo.html>

**Grading.** Each lab assignment is worth 25 points. **The final course grade for *both* 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 will have the assignments put on deferred status and the case will be prosecuted by the Office of the Dean of Students.