

METEOROLOGY MINOR

Atmospheric and Oceanic Science (AOSC)

3417 Atlantic Building

Phone: 301-405-5391

<http://aosc.umd.edu>

Program Directors: T. Canty, Ph.D. and A. Jones, Ph.D.

This minor will provide the students with a general background in meteorology as offered by the lower level courses, a broader background on a wide range of sub-fields in meteorology, and on current issues in climate research, as provided by the two required courses. This minor is aimed at students who wish to be informed about this field, who may not intend to pursue graduate work in this field, but who might pursue careers where a background in meteorology is important, such as environmental policy, government, and industry. This minor is not open to students who major in Atmospheric and Oceanic Sciences.

REQUIREMENTS

A total of 15 credits is required. All courses presented for the minor must be passed with a grade of "C-" or better.

| Course | Title | Credits |
|--|---|-----------|
| Select two of the following electives: | | 6 |
| AOSC123 | Causes and Consequences of Global Change | |
| AOSC200 | Weather and Climate | |
| Any other 400 level courses offered below as electives | | |
| Two required courses: | | |
| AOSC400 | Physical Meteorology | 3 |
| AOSC401 | Climate Dynamics and Earth System Science | 3 |
| One additional elective from any 400 level courses offered in the Department of Atmospheric and Oceanic Science on a regular basis, or from a list of non-permanent electives that will be offered by research scientists, regular faculty from Atmospheric and Oceanic Science, or members of the Earth System Science Interdisciplinary Center (ESSIC) | | 3 |
| Courses offered by the Departments of Geology and Geographic Sciences, such as: | | |
| GEOL437 | Global Climate Change: Past and Present | |
| GEOL452 | Watershed and Wetland Hydrology | |
| GEOG472 | Remote Sensing: Digital Processing and Analysis | |
| Total Credits | | 15 |

ADVISING

Students are only required to meet with an advisor when ready to declare the minor. Students may meet with an advisor at any time by reaching out to aosc-advise@umd.edu. Other questions about advising or adding the Meteorology minor can also be directed to aosc-advise@umd.edu.