

METEOROLOGY MINOR

Atmospheric and Oceanic Science (AOSC)

3417 Computer and Space Sciences 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.