

# ATMOSPHERIC SCIENCE, MINOR

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Atmospheric Science is the study of short-term weather and long-term climate, involving activities such as weather forecasting, climate projections, air quality modeling, data analysis, and basic and applied research.

Some universities may call this field "Meteorology." We call it Atmospheric Science because our program is much broader than just weather forecasting.

Atmospheric Science students at UWM have unique opportunities not found at any other university in the state or region. Our Innovative Weather program (<http://innovativeweather.com/>) is hired by numerous businesses such as the Milwaukee Brewers and We Energies that need to make decisions based on the weather, and students work to provide these clients with customized forecasts and risk analyses. Our program also offers students research internships in areas such as cloud modeling, weather analysis, and data science. Our program is also home to the first-of-its-kind faculty-led Mexico "Air Pollution and Ancient Cultures" Study Abroad program and an active student-led club. Finally, the Atmospheric Science major provides distinct tracks that help prepare students for careers in weather forecasting, natural hazard risk assessment, and data analytics, or for graduate study.

## Requirements

The College of Letters and Science requires that students must complete at least 9 upper-division (numbered 300 and above) credits in the minor in residence at UWM, and students must attain at least a 2.0 GPA on all credits in the minor attempted at UWM. In addition, students must attain a 2.0 GPA on all minor credits attempted, including any transfer work.

The minor consists of a minimum of 18 credits in atmospheric science, as follows.

Code	Title	Credits
ATM SCI 240	Introduction to Meteorology	3
ATM SCI 360	Synoptic Meteorology I	4
Select 12 credits at the 300 level or above		12

## Contact Information

Current Students contact the Program Coordinator, [atmo-chair@uwm.edu](mailto:atmo-chair@uwm.edu)  
 Prospective Students contact a Letters & Science Admissions Counselor  
 at  
 (414) 229-7711 or [let-sci@uwm.edu](mailto:let-sci@uwm.edu)

<http://uwm.edu/atmospheric-science/undergraduate/>