Students in the Department of Atmospheric Sciences enjoy low student-to-teacher ratios and small classes. Undergraduates have opportunities for individual study and for participation in faculty research projects, including regional, national and international field programs.

Faculty

Bowman, Kenneth P, Professor
Atmospheric Sciences
PHD, Princeton University, 1984

Brooks, Sarah D, Professor
Atmospheric Sciences
PHD, University of Colorado, 2002

Conlee, Don T, Instructional Professor
Atmospheric Sciences
PHD, Texas A&M University, 1994

Dessler, Andrew E, Professor
Atmospheric Sciences
PHD, Harvard University, 1994

Epifanio, Craig C, Associate Professor
Atmospheric Sciences
PHD, University of Washington, 1999

Korty, Robert L, Associate Professor
Atmospheric Sciences
PHD, Massachusetts Institute of Technology, 2005

Logan, Timothy S, Assistant Professor
Atmospheric Sciences
PHD, University of North Dakota, 2014

Nielsen-Gammon, John W, Professor
Atmospheric Sciences
PHD, Massachusetts Institute of Technology, 1990

North, Jerry R, Research Professor
Atmospheric Sciences
PHD, University of Wisconsin, 1966

Nowotarski, Christopher J, Assistant Professor
Atmospheric Sciences
PHD, Pennsylvania State University, 2013

Panetta, Richard L, Professor
Atmospheric Sciences
PHD, University of Wisconsin, 1978

Rapp, Anita D, Assistant Professor
Atmospheric Sciences
PHD, Colorado State University, 2004

Sanger, Neil, Lecturer
Atmospheric Sciences
PHD, Naval Postgraduate School, CA, 2014

Sarvanan, Ramalingam, Professor
Atmospheric Sciences
PHD, Princeton University, 1990

Schade, Gunnar W, Associate Professor
Atmospheric Sciences
PHD, Johannes Gutenberg Universitat, Germany, 1997

Schumacher, Courtney, Professor
Atmospheric Sciences
PHD, University of Washington, 2003

Szunyogh, Istvan, Professor
Atmospheric Sciences
PHD, Hungarian Academy of Sciences, 1994

Winkley, Shel, Lecturer
Atmospheric Sciences
BS, Texas A&M University, 2007

Xu, Yangyang, Assistant Professor
Atmospheric Sciences
PHD, University of California, San Diego, 2014

Yang, Ping, Professor
Atmospheric Sciences
PHD, University of Utah, 1995

Zhang, Renyi, Distinguished Professor
Atmospheric Sciences
PHD, Massachusetts Institute of Technology, 1994

Majors

- Bachelor of Science in Meteorology (http://catalog.tamu.edu/undergraduate/geosciences/atmospheric-sciences/meteorology-bs)
- Bachelor of Science in Meteorology and Master of Ocean Science and Technology, 5-Year Degree Program (http://catalog.tamu.edu/undergraduate/geosciences/atmospheric-sciences/bs-metr-most)

Minors

- Meteorology Minor (http://catalog.tamu.edu/undergraduate/geosciences/atmospheric-sciences/meteorology-minor)

Facilities

The Department of Atmospheric Sciences occupies the upper floors of the 15-story Oceanography and Meteorology Building. The Doppler weather radar on the roof of the building is a campus landmark and is used for both research and teaching. The department also operates a mobile Doppler radar for use in research projects. The department has four state-of-the-art chemistry labs, in which phenomena from ozone to aerosols are studied, as well as facilities for modeling the chemical environment. A continuous, comprehensive stream of meteorological data is received from ground stations, balloons, aircraft, radars, and satellites around the world. Two well-equipped computer labs are regularly upgraded to provide state-of-the-art educational equipment.