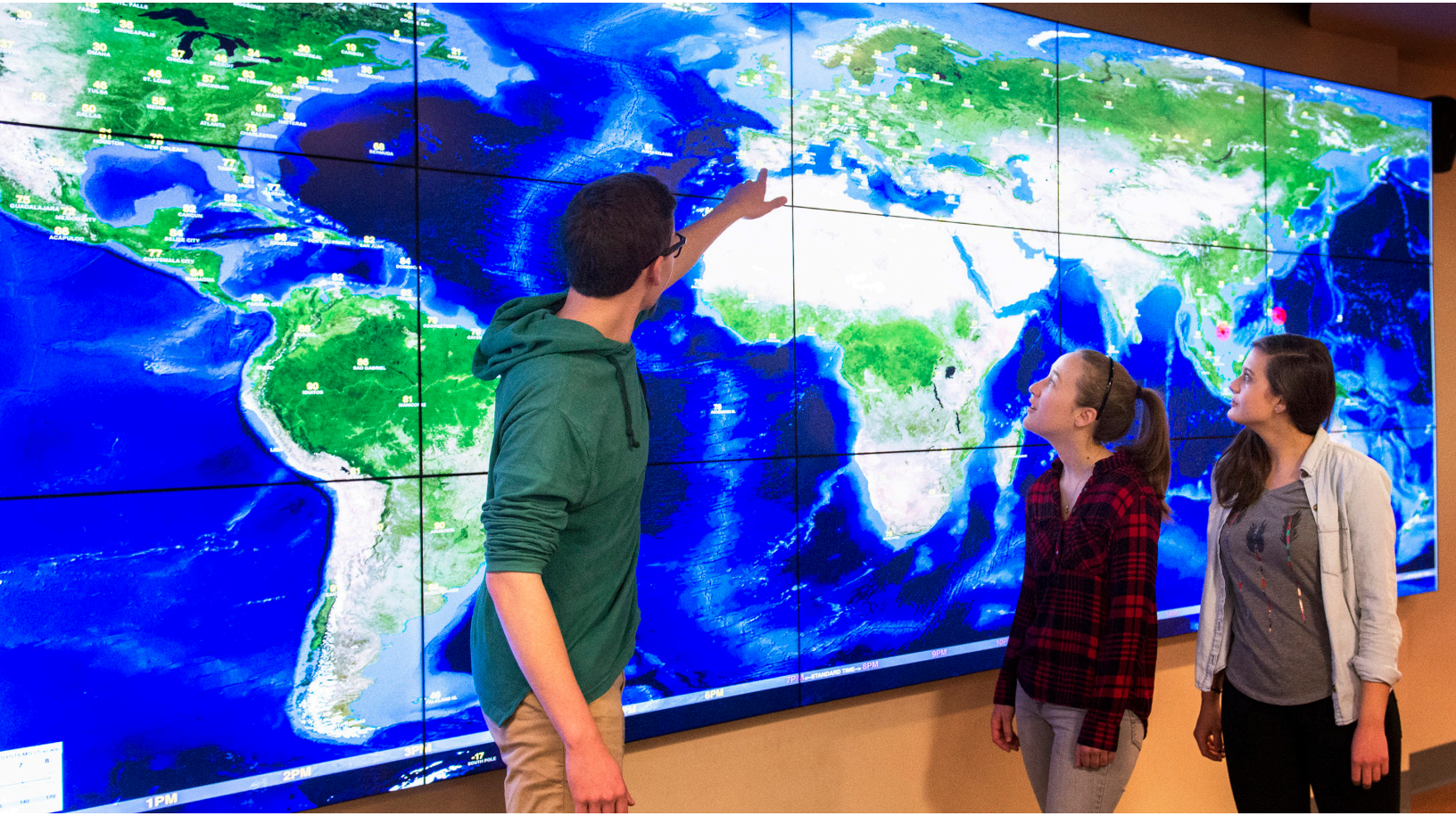


Meteorology and Atmospheric Science

Department of Meteorology and Atmospheric Science



Our renowned Meteorology and Atmospheric Science program, which is one of the largest and most established in the nation, spans all areas of the field. The strength of the department is in the diverse knowledge and reputation of our faculty for both teaching and research, and the array of opportunities for students to engage in research projects and extracurricular activities that provide community outreach. Regardless of where you land after graduation, a degree from Penn State will be highly regarded.



PennState
College of Earth
and Mineral Sciences

Visit: www.met.psu.edu/prospective-students/undergraduate-students-bs-degree



There is an exceptional sense of community within the Department and many opportunities to expand your meteorological skills through student organizations.

~ Delia Colón-Burgos



Overview

Meteorology and Atmospheric Science is a rigorous scientific discipline devoted to the attainment of an increased understanding of the atmosphere and the development of methods for applying that knowledge to practical problems. Although this field is usually associated with weather prediction, it also has significance in environmental, energy, agricultural, oceanic, and hydrological sciences. For students wishing to pursue many of these areas, the department offers several options within the major.

You might be a good fit if ...

- ◆ You are fascinated with weather, climate, or the environment.
- ◆ You are a self-described “weather geek.”

- ◆ You would like to be a “weather communicator” such as a television meteorologist or science writer.
- ◆ You are interested in applying mathematics, physics, and computer programming to real-world problems.
- ◆ You want to study global warming and the Earth’s changing climate.
- ◆ You would like to work with data from satellites, radar, and other environmental sensors.

Internships and scholarships

The College of Earth and Mineral Sciences awards more than \$2.5 million annually, including more than \$90,000 for students interested in Meteorology and Atmospheric Science.

Employment opportunities

- ◆ National Weather Service
- ◆ The Weather Channel
- ◆ National Center for Atmospheric Research

Clubs and activities

This major offers numerous clubs including Campus Weather Service, Storm Chase Team, the Weather Risk Management Club and Supportive network for Women in Meteorology.

Choose from options

- ◆ Atmospheric science
- ◆ Environmental meteorology
- ◆ General
- ◆ Weather forecasting and communications
- ◆ Weather risk management

Why choose Penn State?

Our well established and comprehensive program has been producing some of the field’s top experts in broadcast, risk management, and atmospheric science. The major is perfect for anyone interested in meteorology seeking to find their niche in this field.

Contact

- ◆ Jon Nese, j2n@psu.edu, 814-863-4076