Atmospheric Sciences Ph.D.

Gain deep expertise in atmospheric sciences and lead the way in tackling the challenges of understanding and predicting our atmosphere.

If you want to advance your education and talent to the highest level, a doctoral degree in atmospheric sciences is an excellent choice. Whether you’re aiming for public or private sector work, or considering a career in higher education, UND offers a comprehensive curriculum for challenging times.

**Program type:** Doctoral Degree  
**Format:** On Campus  
**Est. time to complete:** 4 years  
**Credit hours:** 60

### Why earn a doctorate in atmospheric sciences?

**Application Deadlines**

- **Fall:** Feb. 15* | Aug. 1  
- **Spring:** Aug. 15* | Dec. 1  
- **Summer:** May 1

*Priority deadline

The impact of global environmental changes makes qualified atmospheric scientists who can address and solve these challenges extremely valuable in the public and private sector.

This UND graduate program offers an advanced study in atmospheric sciences with opportunities to:

- Be a part of significant research and discovery of new knowledge in the atmospheric sciences that can impact the world.
- Contribute to atmospheric studies conducted in a wide array of vital areas, such as cloud and climate change, satellite remote sensing of the atmosphere, radar meteorology, data assimilation, mesoscale modeling and more.
- Prepare for a leadership role in advanced research, private industry or teaching in a university setting.

**Atmospheric Sciences Live Skycam**

Students studying atmospheric sciences at UND have a wide variety of technology at their fingertips. The latest includes a 24/7 skycam, which tracks weather above the UND campus.

Watch it live

**Atmospheric Sciences Ph.D. at UND**

- Enhance your analytical, technical and communication skills through research and course work.  
- Develop the ability to carry out independent and original scientific research.  
- Explore the theoretical, experimental and technological foundations of the field.  
- Prepare for leadership roles in research and education.

**Atmospheric Sciences Careers**
Median salary range for a geoscientist
- U.S. Bureau of Labor Statistics

Projected growth for this field through 2028, faster than the average for all occupations
- U.S. Bureau of Labor Statistics

Atmospheric scientists with a high level understanding of the complexities of the atmosphere, the ability to conduct exemplary research, and apply their knowledge to meet the needs of society will continue to be in high demand. Graduates of this program will be prepared to assume critical roles in leading research efforts, guiding science policy, educating future scientists, and creating opportunities in industry.

UND graduates can expect exciting opportunities with several leadership roles:

- University professor
- Chief scientist
- Project manager
- Senior scientist
- Senior data analyst

UND Atmospheric Sciences Alumni

Atmospheric Sciences alumni have gone on to a variety of successful careers with:

- National Oceanic and Atmospheric Administration
- National Weather Service
- Iteris, Inc.
- AerisWeather
- Grand Forks Park District

Explore More Options

Connect with the faculty you'll work with or find similar majors at UND.

- Department of Atmospheric Sciences
- Similar graduate degrees

UND.info@UND.edu
701.777.3000 | 1.800.CALL.UND
UND.edu/programs