

PH.D. IN ATMOSPHERIC SCIENCE

The Ph.D. in Atmospheric Science trains the next generation of scientists in atmospheric science, a critical field for understanding weather and climate issues that significantly impact all life on Earth. Graduates acquire the knowledge and skills necessary to pursue an academic career or to enter diverse careers, including weather and climate forecasting, insurance, government laboratories, NGOs, and environmental consulting. Under the tutelage of renowned atmospheric science faculty, Ph.D. students dig deep into the discipline, produce important contributions, and drive future advancements through original research. Going a step further than the master's program, Ph.D. students will create fundamentally new content that adds to the body of knowledge in their field.

Please visit the Requirements tab above for a full list of the Ph.D. requirements.

Learning Objectives

Upon successful completion, students will be able to:

1. Formulate a science problem, review literature, propose an experiment, and analyze data at a level appropriate for academic or professional success.
2. Produce important contributions and add to the body of knowledge through peer-reviewed, high-impact publications.
3. Demonstrate proficiency in oral and written communication of research through presentations at professional conferences/meetings and preparation of manuscripts for professional journals.
4. Demonstrate professional behavior and understand the ethical, economic, environmental, and societal impacts of their work.