

CONTACT INFORMATION

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Are you concerned about climate change?

Are you interested in how scientists
predict the weather?

Do you wonder how the atmosphere affects
other components of the Earth system?

Do you want to know more about how weather
and climate patterns influence life on Earth?

Are you interested in hurricanes and
severe weather?

Bachelor of Science in Atmospheric Science

*pathway for your CAREER
in Atmospheric Sciences*

explore
YOUR Earth!
earth.indiana.edu

here's how we can
help



EARTH AND ATMOSPHERIC SCIENCES

The BACHELOR OF SCIENCE IN ATMOSPHERIC SCIENCE degree is designed to provide the training students need to begin a promising career in meteorology, atmospheric sciences, or environmental science.

with a BS in atmospheric science degree you can

HAVE A CAREER IN METEOROLOGY

The Atmospheric Science program offers a comprehensive Atmospheric Science degree, including the courses needed to work for government weather agencies and in private industry.

Students seeking a career in broadcast meteorology may pursue a certificate in journalism with the IU Media School.

Students may also pursue a minor or certificate in the Kelley School of Business.

COLLABORATE

Collaborations both within and outside Earth and Atmospheric Sciences mean students can study paleoclimate, climate change, or water resources in the Midwest.

PURSUE GRADUATE STUDIES

Additional courses in mathematics and physics provide a firm foundation for graduate studies.

courses you will take

The **Core** courses you need for most jobs, including with the National Weather Service are:

- EAS A332 Atmospheric Thermodynamics and Cloud Processes
- EAS A339 Weather Analysis and Forecasting
- EAS A340 Physical Meteorology and Climatology
- EAS A347 Atmospheric Instrumentation
- EAS A364 Dynamic Meteorology I
- EAS A434 Dynamic Meteorology II
- EAS A437 Synoptic Meteorology

Elective courses in Hydrology and Climate:

- EAS E328 Energy, Resources, and the Environment
- EAS E341 Natural History of Coral Reefs
- EAS E351 Elements of Hydrology
- EAS E466 Hydrometeorology
- EAS E476 Climate Change Science

Additional courses available:

- EAS E410 Undergraduate Research
- EAS A438 Air Pollution Meteorology
- EAS A470 Micrometeorology
- EAS A474 Mesoscale Meteorology
- Electives in climate science, GIS, and environmental science

to prepare for your career with

NOAA and National Weather Service (NWS)
Climate Prediction Center
NASA
Department of Energy

or working in

broadcast meteorology
aviation and military meteorology
weather analysis for private industry
risk management and insurance
alternative energy
hedge fund forecasting

questions?

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scan to see all the degree requirements in the 2023-24 course bulletin

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