

Hi Lily,

Increasingly, everyone is realizing how weather and climate impact every aspect of our lives. Climate change is accelerating the need for experts -- atmospheric scientists -- to confront ongoing challenges. This expertise is recognized as critical in other fields such as insurance, energy and power utilities, government, transportation, and in investment firms.

*UAlbany's **Atmospheric and Environmental Sciences** students build a strong foundation in the sciences governing weather and climate. Our rigorous program makes UAlbany graduates highly sought after by employers, and many graduates pursue advanced degrees to then go on to jobs in research and teaching. Our department has 18 full-time faculty and staff who are active researchers and prominent in their fields of study. Our small class sizes enable customized learning, and we are particularly proud of our state-of-the-art, hands-on classes in data analysis and visualization, numerical weather prediction, and climate modeling. We take pride in our teaching, and several faculty have been recognized with national teaching awards.*

*Our department is closely tied with New York State's **Mesonet** (a statewide network of state-of-the-art weather stations), the **National Weather Service**, the **College of Emergency Preparedness, Homeland Security, and Cybersecurity**, and the **Atmospheric Sciences Research Center** – all co-located with us in our new state-of-the-art **ETEC** building. We support undergraduate research and internships that students can use to tailor their education to fit specific interests.*

Please visit our department website for more information [BS Atmospheric Science | University at Albany](#) or contact us at daeschair@albany.edu

Hi Amya,

As an Environmental Science major at UAlbany, you'll be prepared to tackle some of the greatest challenges facing today's society. From climate change to sustainability, renewable energy, water resources, and biodiversity, you'll learn to play a critical role in confronting some of the world's most important issues.

Here, you'll gain a strong foundation of knowledge in one of four areas of specialization, including geography, ecosystems, climate change, or sustainability science and policy. Additionally, you'll receive unparalleled hands-on experiences in our brand new state-of-the-art ETEC facility working alongside nationally recognized faculty and staff who are top researchers in their field.

We're creating tomorrow's leaders, are you one of them?

Pre-Connection

Should be more generic but exciting for all STEM-interested students

- ETEC Building (Built in 2021)
 - Sustainable design and operations: **LEED Platinum**
 - Living lab: Classes and internships in ETEC provide opportunities for hands-on learning
- **Internships:**
 - National Weather Service, New York State Mesonet, New York State Department of Environmental Conservation, State Weather Risk Communication Center, Albany Pine Bush Preserve, and more . . .
 - Cutting edge **research** addressing important problems in weather, climate, and the environment
- **Courses:**
 - Wide range of courses within the atmospheric, climate, and environmental sciences:
 - Field courses, instrumentation, labs, lectures

Post-Connection

Q: Same messaging to all students (due to early “crossover”) or targeted by major (see below)?

- **Majors:** Atmospheric Science BS, Climate Science BS, Environmental Studies BA
- **Experiential Learning:**
 - Atmospheric Science: *National Weather Service, NYS Mesonet, SWRCC*
 - Climate Science: *Paleoclimate research (lab and dendrochronology)*
 - Environmental Studies: *Albany Pine Bush Preserve, DEC*

Student groups:

- American Meteorological Society
- Students for Sustainability

Courses:

- Atmospheric Science: *Tropical meteorology, severe weather, societal impacts, climate change,...*
- Climate Science: *Paleoclimatology, climate variability, climate change,...*
- Environmental Studies: *Instrumentation and measurement, ocean science, the Adirondack environment,...*

Photos (do not repeat pre- and post-connection):

- Sphere [with students]
- Map room [with students]
- Whiteface field trip
- Balloon launch
- Paleo field and lab work
- Thacher Park field trip (ENV 302 and 221)
- Tree coring (ENV450)

Do we need permission from anyone in photographs?