

**UFSP 100 – Freshman Seminar**  
**The Science of Storms, Climate Change, and Environmental Impacts**  
Fall 2022 – Class # 5578 – Tuesdays 3:00-3:55 PM, ETEC 450  
Lead instructor: Ross Lazear  
rlazear@albany.edu • ETEC 417

**Office hours:**  
2:00-3:00 PM, Mon., and Wed., ETEC 417 and Zoom:  
<https://albany.zoom.us/j/620353582>

**Topics covered:**

Weather forecasting  
Climate change  
Conservation biology  
Science communication  
Weather and environmental observations  
New York State Mesonet  
Paleoclimatology  
Sustainability and energy  
The atmosphere in a rotating tank  
Advisement  
Tours of ETEC

**Class content:**

While important information will be presented in class, links to assignments, syllabus, etc., can be found on the class' Blackboard page, which you can access here: <https://blackboard.albany.edu/>

**Objectives:**

This course will be an exciting introduction to the various topics studied and taught primarily by the faculty and staff in the Department of Atmospheric and Environmental Sciences. In addition to broad overview lectures on the topics above given by several faculty members in the department, the course will also serve as an opportunity for new students to learn the ropes at UAlbany. We'll talk about campus resources and advisement, and even have a few tours around the ETEC building. If at any time in the semester you have any questions about your experiences at UAlbany, please don't hesitate to ask for help!

Your course grade will come from the following:

**Grading:**

\*\*\* 20% Weekly Lecture Summary (you are allowed to miss one class without affecting your grade)  
\*\*\* 5%: Contribute two questions/answers within the lecture topics forums (under "Class Discussion")  
\*\*\* 75% Four, equally weighted assignments

**Attendance:**

It's extremely important to go to all of your classes, and your grade will suffer even in this course if you do not attend class. A simple summary of something you've learned during class, or a question you have from class, will be required at the end of each week's seminar.

**Undergraduate academic regulations, and standards of academic integrity:**

[https://www.albany.edu/undergraduate\\_bulletin/regulations.html](https://www.albany.edu/undergraduate_bulletin/regulations.html)