

Course Announcement–Summer 2024

SEVERE WEATHER FIELD EXPERIENCE

ATMS 473

3 Credits

Drs. Christopher and Elaine Godfrey

13–24 May 2024

You've Studied the Weather...
Now Experience the Weather

For more details and an application, please visit
<https://www.atms.unca.edu/cgodfrey/courses/swfex/>

Participants will travel to the Great Plains to forecast and observe severe weather and interact with professional meteorologists. Operations will be based in Norman, Oklahoma, in the heart of tornado alley. Prior to departure, you will attend an Advanced Skywarn Spotter Training session and a separate forecasting lecture. While on the road, you will participate in daily map discussions, help to forecast a target area, and discuss each day's events from a meteorological perspective while keeping a journal of your experiences. Upon your return, you will write a brief paper analyzing the synoptic environment and the timing, location, and occurrence of storms for a particular case study.

Application Deadline
25 March 2024

Course Highlights:

- Tour of the NOAA Storm Prediction Center and forecast demonstration
- Tour of the NOAA National Severe Storms Laboratory and other National Weather Center facilities
- Visits to a television studio and a private weather company
- Presentations on applying to graduate school, internships, and career opportunities
- Tour of the Advanced Radar Research Center, a WSR-88D, and the NOAA Radar Operations Center

