

WEATHER FORECASTING, CERTIFICATE

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

Certificate Learning Objectives

- **Forecaster:** Student will be able to produce value-added (an improvement on guidance) point forecast including high/low temperature, wind speed, and precipitation.
- **Global Awareness:** Student will demonstrate awareness of significant global weather events and seasonal climate features.
- **WX Analyst:** Student will be able to analyze synoptic and mesoscale weather events of varying complexity by referencing proper terminology and processes.
- **WX Communicator:** Student will be able to demonstrate knowledge of current weather either generally or at a specific location via verbal or written communication.
- **WX Consumer:** Student will improve their skill at using and interpreting publicly available weather data.