

# WEATHER FORECASTING, CERTIFICATE

---

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

## Program Description

Students in this program will have an opportunity to become a better-informed, critical consumer of weather-related news. Students will also have a chance to use powerful, web-based forecasting tools. There are no formal calculus or physics requirements for entrance to the program.

## What is Weather Forecasting?

Weather forecasting uses science (understanding of atmospheric processes) and data (such as temperature, humidity, precipitation, and wind) to predict future weather conditions. Use the program's innovative forecasting techniques and conceptual approaches to learn about meteorology, enrich your hobby, supplement your professional career, or build a preparatory foundation for future study or work. As a student in this program, you will have the opportunity to become a better-informed, critical consumer of weather-related news. Whether you are an amateur weather enthusiast or a weather-related industry professional, enrolling in this 12-credit certificate program can help you refine your skills to predict the weather more effectively.

## You Might Like This Program If...

- You are a weather enthusiast seeking a preparatory foundation in order to pursue an undergraduate degree in meteorology.
- You are a communications major looking for a stepping stone into the broadcasting profession.
- You are a secondary school teacher who aspires to enhance your understanding of meteorology.
- You are a sailing enthusiast or pilot who relies on meteorological data to chart courses or plan flights.
- You are in a business that is affected by weather and want a deeper understanding of meteorology.