

B.S. in Meteorology

Students in the Bachelor of Science in Meteorology program gain knowledge in weather analysis and forecasting, data collection and research. The program prepares students for roles in the National Weather Service, the U.S. military, the aviation industry and media, and supports graduate study in atmospheric sciences and geosciences. Students may also pursue certifications or operations-focused minors in related areas such as emergency management and geographic information systems. The program meets guidelines established by the American Meteorological Society (AMS), the National Weather Service and the U.S. Air Force.

At the **Daytona Beach Campus**, students explore Earth's most impactful atmospheric phenomena across a wide range of spatial and temporal scales. Students investigate meteorological and climate data using statistical analysis and data visualization techniques in a meteorology lab equipped with workstations running state-of-the-art software and a broadcast studio equipped with industry standard graphics-generation systems. Through applied study and research, they develop a practical understanding of the overall Earth-atmosphere-ocean system while having the opportunity to focus on any aspect of it.

The B.S. in Applied Meteorology (<https://catalog.erau.edu/programs/undergraduate/bachelors/applied-meteorology/>) degree is offered at the **Prescott Campus**.