

B.S. in Meteorology

The Applied Aviation Sciences Department offers a Bachelor of Science degree in Meteorology. This program offers students with a passion for weather the opportunity to study, observe, and research atmospheric phenomena ranging from tornadoes to climate change in our computer-equipped classrooms and state-of-the-art Weather Center, which receives over one terabyte of real-time meteorological data each day. Students will master the essentials of meteorology by incorporating foundational calculus, physics, and computer science concepts into real-world atmospheric applications. The goal of the Meteorology program is to offer coursework, laboratory, and research experiences that prepare students for immediate productivity and career growth. Graduates are competitive for professional careers working as: National Weather Service meteorologists, TV broadcast meteorologists, aviation meteorologists, private industry meteorologists, emergency managers, and military weather officers. Students completing this degree will meet all American Meteorological Society guidelines for a degree in meteorology as well as all U.S. Office of Personnel Management Qualification Standards for a Meteorologist. Graduates will also be prepared to pursue advanced degrees that will qualify them for careers as research meteorologists or university faculty.