

# MINOR IN METEOROLOGY

## Overview

The Meteorology minor introduces the student to the study of the atmosphere, including climate and climate variability, weather forecasting, cloud and precipitation physics, tropical dynamics, severe weather and hurricanes.

### Curriculum Requirements

| Code  | Title  | Credit Hours |
|---|--|--------------|
| <b>Required Courses</b>                                     |  |              |
| ATM 103   | Survey of Modern Meteorology *                             | 3            |
| Select 12 credit hours of the following:                    |  | 12           |
| ATM 243   | Weather Forecasting  |              |
| ATM 244   | Tropical Weather and Forecasting                           |              |
| ATM 265   | Chemistry in the Air: From Air Pollution to Climate Change |              |
| ATM 303   | Meteorological Instrumentation and Observation             |              |
| ATM 305   | Atmospheric Thermodynamics                                 |              |
| ATM 306   | Advanced Principles in Broadcasting Meteorology            |              |
| ATM 307   | Introduction to the Physics of Climate                     |              |
| ATM 405   | Atmospheric Dynamics I                                     |              |
| ATM 406   | Atmospheric Dynamics II                                    |              |
| ATM 407   | Weather Analysis   |              |
| ATM 409   | Cloud Physics, Radiation, and Remote Sensing               |              |
| MSC 220   | Climate and Global Change                                  |              |
| Approved 500-level classes offered by the Rosenstiel School |  |              |
| <b>Total Credit Hours</b>                                   |  | <b>15</b>    |

\* Students with an Oceanography major should replace ATM 103 with one additional elective, for a total of 15 credits.

\*\* All electives must be above and beyond those used for the major. Only those courses passed with a grade of "C-" or higher may be applied to the minor. The Meteorology minor fulfills the requirements of the STEM cognate.