

# METEOROLOGY (METO)

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## **METO 3 Weather and the Atmospheric Environment**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

Processes that influence weather and climate: seasonality, structure of the atmosphere, atmospheric stability, severe weather (hurricanes, tornadoes, thunderstorms), climate change, and the causes and effects of air pollution. Students will use a variety of weather instruments and the course may include either field-work or field trips.

## **METO 3L Weather and Atmospheric Environment Laboratory**

**1 Unit** (Degree Applicable, CSU, UC)

Lab: 54

**Corequisite:** *METO 3 (May have been taken previously)*

Laboratory applications and problem solving related to the atmospheric environment. Emphasizes the collection and analysis of weather and climate data.