

# GSCA 112: Meteorology

Introduces the physical processes governing weather events and the resulting pattern of climates developed over the earth's surface. Topics include atmospheric composition, temperature, pressure, humidity, wind, radiation processes, clouds, condensation and precipitation, the hydrologic cycle, atmospheric stability, circulation systems, air masses and fronts, hurricanes, thunderstorms, flash floods, hail, lightning, tornadoes, El Nino, global warming, climate classification, climate change, and seasons of the year. May be used to meet the General Education requirements.

**Credits:** 3

**Program:** Undergraduate