

Department of Geography, Planning, and Environment

Atmospheric Science Minor

The minor in atmospheric science offers a general competence in weather and climate, to complement a major in related fields such as geography, geology, engineering, as well as the social and biological sciences. Students have the option to pursue elective courses in weather phenomena, remote sensing, climate, weather hazards, and related topics. There is no formal calculus or physics requirement for the minor.

The atmospheric science minor requires **19** s. h. of credit as follows:

1. Core - 7 s.h.

- ATMO 1300 - Weather and Climate or
- GEOG 1300 - Weather and Climate

- ATMO 2510 - Physical Meteorology or
- GEOG 2510 - Physical Meteorology

2. Electives - 12 s.h.

(Choose from the following courses.)

- ATMO 3230 - Global Climates or
- GEOG 3230 - Global Climate

- ATMO 3520 - Dynamic Meteorology
- ATMO 3550 - Principles of Synoptic Meteorology

- ATMO 4510 - Meteorological Instruments and Observations or
- GEOG 4510 - Meteorological Instruments and Observations

- ATMO 4520 - Boundary Layer Meteorology
- ATMO 4525 - Dynamic Meteorology II

- ATMO 4530 - Micrometeorology or
- GEOG 4530 - Micrometeorology

- ATMO 4540 - Coastal Storms or
- GEOG 4540 - Coastal Storms

- ATMO 4550 - Applied Synoptic Meteorology: Analysis and Forecasting

- ATMO 4580 - Radar and Satellite Meteorology or
- GEOG 4580 - Radar and Satellite Meteorology

- ATMO 4590 - Tropical Meteorology or
- GEOG 4590 - Tropical Meteorology

- GEOG 2350 - Climate Change: Science and Society
- GEOG 3250 - Environmental Hazards