

# Meteorology

The WVC Earth Sciences Department is committed to offering comprehensive courses that promote understanding the Earth and the Universe. Courses range from those designed for the non-science major to Earth Science major transfer students in Geological Sciences, Astronomy, Meteorology, Climatology, and geological or hydrological Environmental Science. The department offers a wide variety of courses designed to meet the general educational, pre-professional and overall academic goals of WVC students.

## Meteorology Classes

### METR 110: Earth's Changing Climate

Study climate and climate change. Determine what controls global climate and individual climate zones on earth. Reconstruct changing climates of the past. Analyze the effects of greenhouse gases and aerosols, human influences on climate, and the effects of Earth's changing climate on humans and other species.

**Credits** 5

**Weekly Contact Hours** 5

**Meets Degree Requirements For**  
Natural Science

### METR 210: Introduction to Weather & Climate

Explore Earth's atmosphere and the factors that determine weather, seasons and climate. Practice measuring and forecasting the weather. Learn to read weather maps, identify clouds, and understand the causes and consequences of extreme storms. Includes laboratory.

**Credits** 5

**Weekly Contact Hours** 6

**Meets Degree Requirements For**  
Natural Science with Lab

**Prerequisites**

[MATH 93](#) or higher