

# COURSE DETAIL

## METEROLOGY: ATMOSPHERE AND ENVIRONMENT

**Country**

United Kingdom - Scotland

**Host Institution**

University of Edinburgh

**Program(s)**

University of Edinburgh

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Earth & Space Sciences

**UCEAP Course Number**

108

**UCEAP Course Suffix****UCEAP Official Title**

METEROLOGY: ATMOSPHERE AND ENVIRONMENT

**UCEAP Transcript Title**

ATMOSPHERE&ENVIRONM

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

An introduction to the physical processes occurring in the Earth's atmosphere. Interpretation of weather maps and satellite images, cloud types and formation, atmospheric structure, thermodynamic processes, rain formation, solar and terrestrial radiation, energy balance at the surface, cumulus and cumulonimbus convection, and air pollution.

## Language(s) of Instruction

English

## Host Institution Course Number

METE08001

## Host Institution Course Title

METEROLOGY: ATMOSPHERE AND ENVIRONMENT

## Host Institution Campus

Edinburgh

## Host Institution Faculty

School of Geosciences

## Host Institution Degree

## Host Institution Department

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