

COURSE DETAIL

METEOROLOGY

Country

Germany

Host Institution

Technical University Berlin

Program(s)

Technical University Berlin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

METEOROLOGY

UCEAP Transcript Title

METEOROLOGY

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the general fundamentals of meteorology, earth, and atmospheric mechanics including: genesis, formation, composition of the atmosphere, radiation laws and transfer, water vapor, thermodynamic laws and energy exchange process, clouds and rainfall, vertical air mass movement and stability, dynamics of the atmosphere, air masses and fronts, the planetary boundary layer, dispersion and turbulence. This course includes a lecture with periodic field trips to enhance understanding.

Language(s) of Instruction

German

Host Institution Course Number

06341300 L 08

Host Institution Course Title

METEOROLOGY

Host Institution Campus

FAKULTÄT VI PLANEN BAUEN UMWELT

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Klimatologie

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