

## 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**

METEOROLOGIE FÜR DIE UMWELTWISSENSCHAFT

**Host Institution Course Details****Host Institution Campus**

FAKULTÄT VI PLANEN BAUEN UMWELT

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

Klimatologie

**Course Last Reviewed**

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