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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