

COURSE DETAIL

PHYTOTYPES: GREEN & SYMBIOTIC HOUSING INFRASTRUCTURES

Country

Germany

Host Institution

Technical University Berlin

Program(s)

Technical University Berlin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Architecture

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

PHYTOTYPES: GREEN & SYMBIOTIC HOUSING INFRASTRUCTURES

UCEAP Transcript Title

PHYTOTYPES

UCEAP Quarter Units

14.00

UCEAP Semester Units

9.30

Course Description

This architecture studio explores how plants and vegetation can become integral parameters of architectural design. It investigates their potentially mutually beneficial relationships with buildings across programmatic, systemic, and structural dimensions. The studio begins by establishing a collective knowledge base on plant species, their specific habitats - from soil conditions to vegetation systems - and their climatic, cultural, and aesthetic qualities. This research is accompanied by an investigation of architectural references. In parallel, students develop small-scale prototypes that test specific strategies for the interweaving of plants and vegetation with spatial structures. In the second phase, these strategies are applied to transform exemplary building types in Berlin into green housing infrastructures.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

PHYTOTYPES: GREEN & SYMBIOTIC HOUSING INFRASTRUCTURES

Host Institution Course Details

https://www.static.tu.berlin/fileadmin/www/10002383/course_catalogues_and_thesi...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Institut für Architektur

Course Last Reviewed

2025-2026

[Print](#)