

COURSE DETAIL

FUNGI + FABRICS II

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

106

UCEAP Course Suffix**UCEAP Official Title**

FUNGI + FABRICS II

UCEAP Transcript Title

FUNGI + FABRICS II

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This seminar explores how mycelium - a network of fungal roots - reacts to cotton textile fibers, as well as how these fibers influence the properties of the resulting composite material. The main objective of the course is to plan and conduct an applied research project in small groups. Within a given framework, groups design their own experiments to investigate variables such as growth, temperature, duration, nutrients, texture, and size. The seminar focuses on conducting small-scale experimental scientific research on fungal-based materials suitable for architectural applications.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

FUNGI + FABRICS II

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

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