

## Soft Architecture

Designing (with) microclimates.

What are the effects of climatic conditions on spatial atmospheres that include smells, sounds and light? How can diverse microclimates exist in an enclosed built space? How can spaces be "activated" at the intersection of materials and climatic conditions (varying temperature, humidity and air flow)? How could tangible materials help harvest air, moisture and energy?

### Angebot für

Bisheriges Studienmodell > Design > Bachelor Design > Interaction Design > 3. Semester

Nummer und Typ	BDE-VIAD-V-3050.04.20H.001 / Moduldurchführung
Modul	Soft Architecture
Veranstalter	Departement Design
Leitung	Roman Kirschner Jyoti Kapur Luke Franzke
Zeit	Di 15. September 2020 bis Fr 2. Oktober 2020  12 Tage
ECTS	4 Credits
Lehrform	Design Studio (including excursion within Switzerland)
Zielgruppen	Pflichtmodul für 3. Semester Interaction Design
Lernziele / Kompetenzen	New approach to interaction through material ecologies, spatial design, installation and exhibition design; research methods for designing microclimatic zones (temperature, humidity, air flow patterns) and atmospheric spatial qualities (smell, sound, light).
Inhalte	<p>At the beginning of the seminar we go on an excursion close to Zurich. We explore a landscape with a specific microclimate using techniques that help us to determine atmospheric qualities of smell, sound and light. We investigate how spatial qualities get affected (amplified/reduced) in a microclimatic zone compared to the general climatic conditions of the region.</p> <p>Based on our observations, we explore and derive methods to disrupt the mono-atmospheric and climatic conditions in a built environment. We deal with questions such as how can natural phenomena like condensation, evaporation, stack effect, etc. be used to create diversity in climatic conditions. We experiment with materials that can "activate" built spaces and extend, shrink or expand qualities such as smell, sound and light in specific environments. We explore interactions at the intersection of materials and climatic conditions. Where are their respective boundaries and how can these boundaries be shifted? How can they be used to harvest moisture, air or energy?</p> <p>Using materials, methods and climatic thinking to activate space, students create a spatial installation or an active exhibition space and learn from documenting their process.</p>
Leistungsnachweis / Testatanforderung	min. 80% Presence, Exhibition

Termine	15.09.2020 - 02.10.2020
Dauer	12 Tage
Bewertungsform	Noten von A - F