

Urban Architecture

MSc 2 Material Lives



Bo Vissers, Daniel Oort, Barten Verschoor, studio 2023. Photo credit: Ruben Dario Kleimeer

Tutors

Paul Vermeulen
Eireen Schreurs

Code	AR2UA020
Credits	15 ECTS
Location	Rotterdam
Excursion	yes
Costs	tbd

Project type	Practice related
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Approved Master 2
Architecture design
project

The Material Lives Studios address architectural topics from a material perspective. Second in the series, the upcoming studio takes a closer look at the impact of climate on architecture. The increasing unpredictability of our weather is often considered a risk that can only be managed with high-tech inventions. Especially in redevelopment projects, this reduces interventions to technological solutions that regulate the interior climate.

The studio rethinks the architectural significance of climate by exploring the protective role of our buildings, with a heightened material sensitivity as a starting point. It assumes that designing with sun, wind, rain, with heat and cold can create meaningful architectural experiences. Conceptually, these can also help forge new relationships with climate, that are both future-proof and culturally significant. The studio will test this premise by adopting a hands-on approach, situating the project in the everyday.

The project brief involves transforming and enhancing an existing, ordinary building through a small but strategic gesture. Starting from a careful assessment of the project in both its urban and climatological context, to gain insight into the impact of the weather on building form and materialisation. You then develop and test the formal and material potential of climatological conditions through various experiments and experiences.

In a collaborative effort, you will get your hands dirty by making models at a 1:6 scale. This didactic strategy gives you the opportunity to harness the resistance and agency of materials in the design and work with the execution process, with the aim of integrating the existing and the new in a meaningful way.

Please note that this studio will be held on Mondays and Thursdays