

WS 22/23
Bachelorstudiengang Architektur
Master's degree programme in Architecture

Advanced Studio **UPCYCLING (EN)**
Studio Tutors: Daniel Stockhammer, Csaba Tarsoly

«Re is more» – Crafted Circularity for Contemporary Housing



Clarence Schmidt, House of Mirrors, Woodstock, 1928 - 1971

Construction is the main source of global resource extraction, pollution and energy consumption from unsustainable sources. An important approach to preserving (im)material values is offered by Upcycling, the principle of reusing and re-using building materials to the highest possible quality. This approach to architectural design, however, requires a rethinking of familiar principles and planning processes.

It is not the white sheet but the inventory of building components that stands at the beginning of the design.

This semester, we will examine components of our university for their reusability, measure them and reproduce them on a model scale. In addition, a model analysis of exemplary apartment buildings will sharpen our understanding of flat floor plans and typologies. The subsequent design task is to bring together the building stock with the typological and spatial investigation.

The idea of a concise architectural work as a stacked, assembled and inhabited storage of building components, characterised by tectonic clarity and great atmospheric density, is the aim of the studio.

During the seminar week, the students will travel in small groups in various European cities to visit the examined apartment buildings. The findings will be discussed in online visits and debates in the whole group, together with invited specialists.