

# Advanced Studio: Built Heritage & Upcycling

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Garage Volta Nord in Basel, photo: Hannes Herzog



# (DIS)ASSEMBLY

## REUSING MODULAR STRUCTURES FOR HOUSING

An important approach to preserving material and immaterial values is offered by Upcycling, the principle of reusing and repurposing building materials to the highest possible quality. This approach to architectural design 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 in our studio.

This semester, we will examine the reusability of components from a disused garage in Basel, Switzerland; Measure and reproduce them on a model scale. In addition, an analysis of **exemplary apartment buildings** will sharpen our understanding of housing plans and typologies. The subsequent design task is to bring together the existing inventory 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.

The seminar week “SUN & SHADOW” takes us to Spain. In **Cordoba and Madrid**, we will learn about historical and contemporary **concepts of reuse** in architecture.