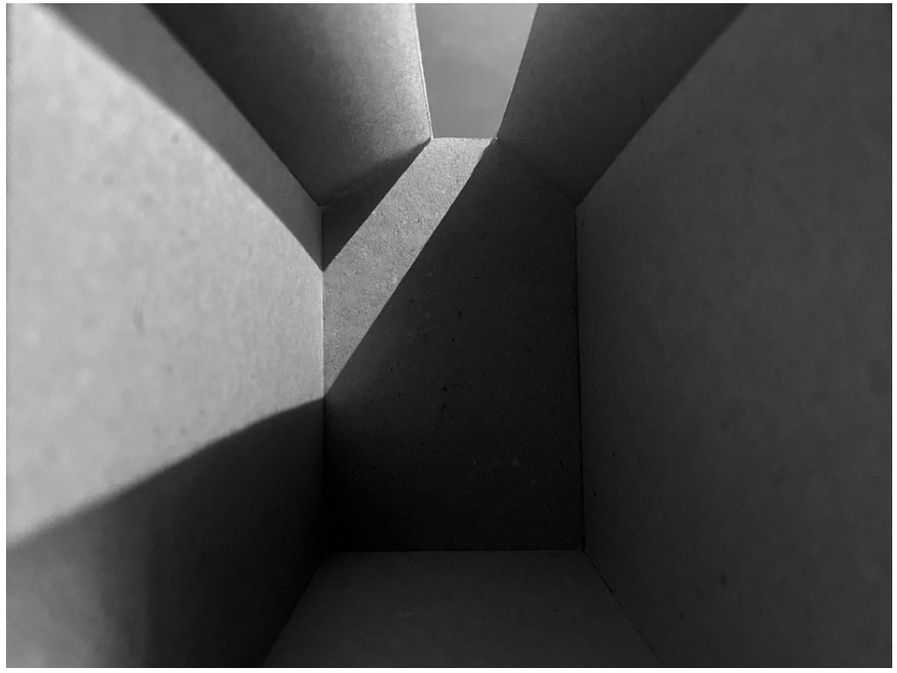


04

StudioL, October 2023 I BArch three

In cooperation with the University of Stuttgart in Germany, a yoga studio was designed with a strong focus on the perception of light and shadow within the building. Through organically curved roof structures and carefully placed openings, interior spatial conditions were created that aim to generate a warm and calming atmosphere. Particular attention was given to physical model-making and the experiential quality of the interior spaces.
The design process explored how natural light can shape movement, mood, and orientation throughout the day. Various material studies were carried out to understand how textures and surfaces respond to changing daylight. In addition, different spatial sequences were tested to encourage a smooth transition between relaxation, meditation, and physical practice.

Winter semester 2023
Supervisors: Sonja Nagel, Levin Koch



Model construction of Studio L, scale 1:20



Lichtstudie |



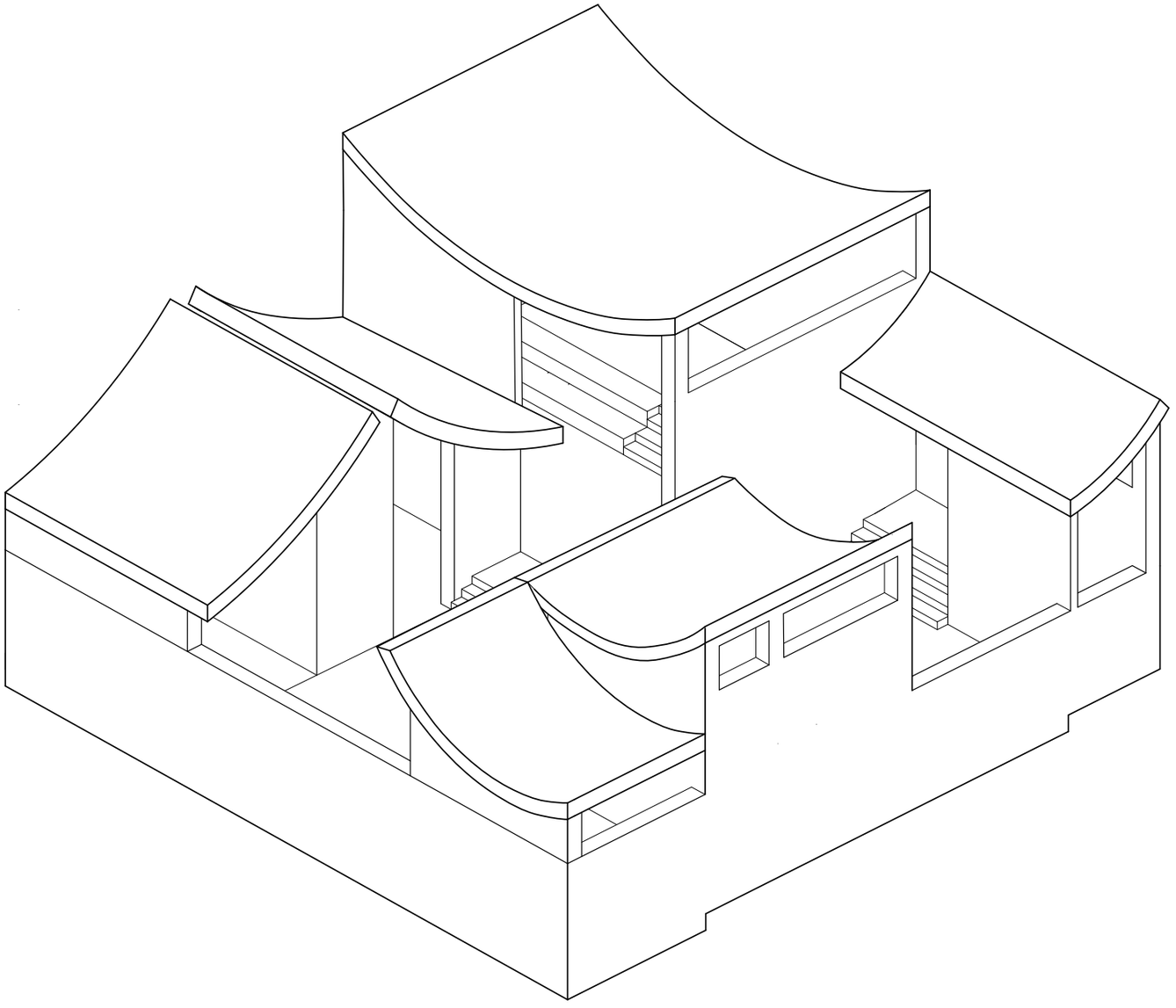
Lichtstudie ||

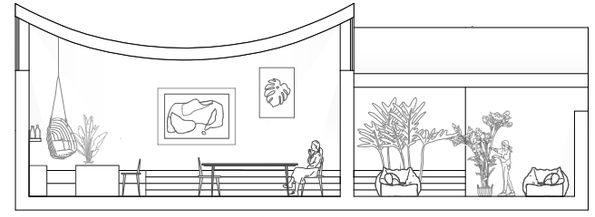


Lichtstudie |||

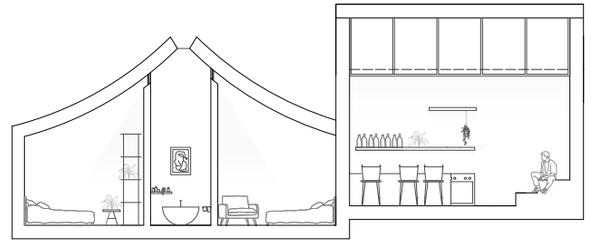


Lichtstudie IV

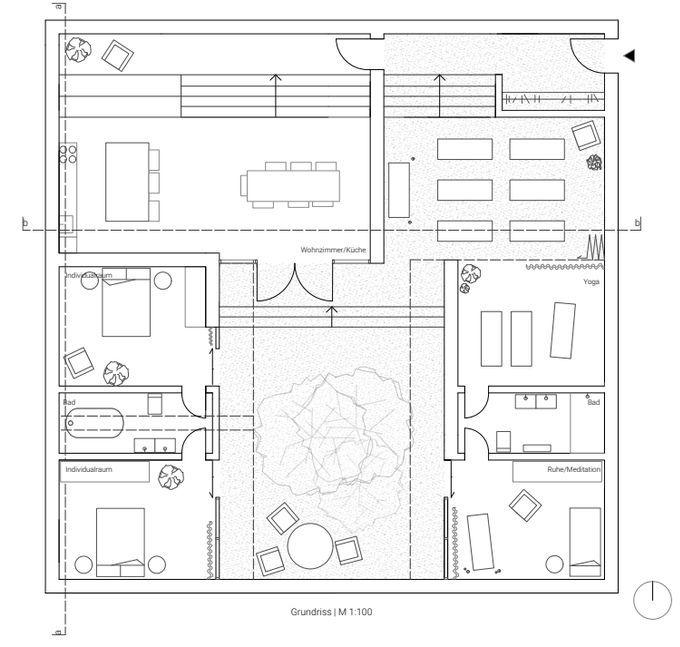




Schnitt a-a | M 1:100



Schnitt b-b | M 1:100



Grundriss | M 1:100

Studio L investigates how light and shadow define interior atmosphere. A series of curved roof structures create warm, shifting light conditions throughout the day, while the compact plan remains rational and clear. Physical model studies played a central role in testing material behaviour and spatial transitions between meditation, movement, and stillness.