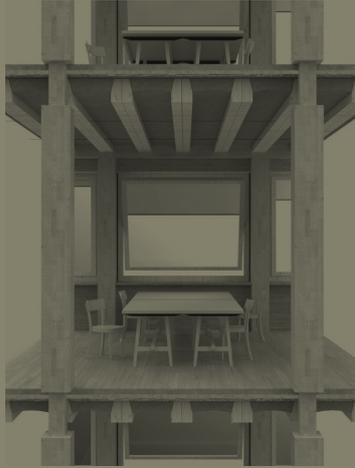


CRAFT & STRUCTURE UNIT

# INDEPENDENT STUDIES



# CLAY AND WOOD

**Tutors: Cornelia Faisst, Martin Mackowitz**

As part of the Independent Studies program, questions related to building with clay and wood will be explored. The work is part of the earth HUB, a platform that consolidates and continuously develops regional expertise in earthen construction. The earth HUB aims to promote innovative construction approaches and foster interdisciplinary exchange. A particular focus is placed on clay-wood construction, which combines ecological and social sustainability. The project encourages close collaboration between regional stakeholders, researchers, and students to develop practical solutions as well as scientifically sound insights.

Key Objectives of the earth HUB: > Highlight exemplary projects and regional strengths to unlock their potential. > Link interdisciplinary knowledge from the University of Liechtenstein (LSA) and its partners to create synergies for research and practice. > Address the challenges of the "construction transition" (Bauwende) with stakeholders from industry, academia, and society at both regional and European levels. > Explore the potential of eco-friendly building materials, particularly the combination of clay and wood.

The earth HUB serves as a central platform for advancing sustainable construction approaches and promotes the combination of clay and wood as forward-thinking building materials.

The material combination of clay and wood is increasingly regarded as a groundbreaking solution for sustainable construction. It offers numerous advantages, such as low-carbon building, high fire safety, thermal efficiency, and flexible construction possibilities. The earth HUB is dedicated to exploring how these properties can be optimally utilized to foster innovative building culture and sustainable architecture in the region and beyond.

This study project enables students to delve deeply into the world of sustainable construction and actively contribute to the further development of environmentally friendly building methods. 4 ECTS

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