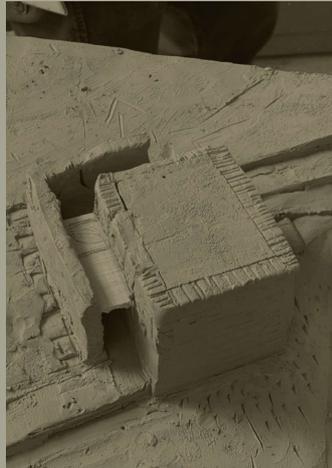


CRAFT & STRUCTURE UNIT

INDEPENDENT STUDIES



CONSTRUCTION PREPARATION

Tutors: Cornelia Faisst, Martin Mackowitz

The Construction Preparation module serves as a vital bridge between the research-driven modules and the hands-on realization of the Lehmraum Liechtenstein project and the earthHUB. The students engage in interlinked areas essential for successful project delivery.

The participants develop a comprehensive project plan and schedule, defining milestones, sequencing logistics, coordinating material sourcing, and aligning on-site conditions with construction phases and seasonal constraints. This sets the structure for a clear, realistic build process. Next, in close collaboration with partners such as Lehm Ton Erde and Lenum, the group organizes material logistics—handling excavated soil, rammed-earth formwork, timber components, and lab testing. Students plan sampling strategies and lab tests (e.g., moisture, grain size, compressive strength), ensuring soil meets structural and durability criteria before construction begins.

The module focuses on stakeholder coordination and documentation. The students rehearse communicating with industry partners and future users. They prepare annotated site plans, material inventories, and draft facilitation materials for meeting.

At the end, the students submit a written assignment and deliver an oral presentation. > for an Independent Study with 2 ECTS: at least 10,000 to approx. 15,000 characters (incl. spaces) > for an Independent Study with 3 ECTS: at least 15,000 to approx. 20,000 characters (incl. spaces) > for an Independent Study with 4 ECTS: at least 20,000 to approx. 30,000 characters (incl. spaces)

2-4 ECTS

SS 2026

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