REUSABLE TIMBER BLOCKS

INDIVIDUAL ELECTIVE

INDEPENDENT STUDY

2 ECTS, *4 LE (+57 h private study time)*
3 ECTS, *6 LE (85.5 h private study time)*
4 ECTS, *8 LE (114 h private study time)*

RESEARCH SEMESTER

12 ECTS, *12 LE (+350 h private study time)*

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Individual appointments will be set with the tutor, group projects are also possible, as well as group work with individual submissions, start, final submission and presentation can be individually defined with the respective tutors.

Alongside established methods like timber framing, panel, and log construction, small timber building bricks open new perspectives for material-appropriate, demountable, reusable, and resource-efficient construction.

Modular block systems in solid timber, fibre-based, or hybrid variants have appeared in numerous applications and patents, and are now being rediscovered amid sustainability debates – yet remain understudied.

Through examples, we examine how prefabricated wooden modules have historically enabled assembly, disassembly, and reassembly with minimal material loss and labor.

House with walls made of short, whole or split logs (krčky) or half-logs, Vitanová (SK).

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LSA Liechtenstein School of Architecture
Built Heritage and Circularity

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