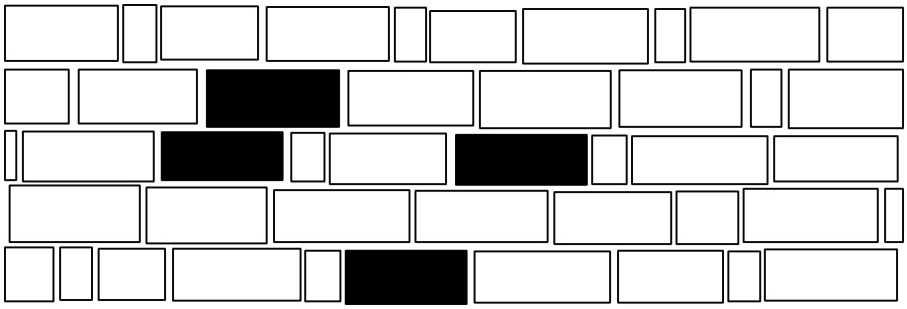
FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture



Bachelor

Winter 23/24

ba.m3.2 Building Construction Basics

course

Prof. Dipl.-Ing. Kristina Sträter

lecturer

Building Blocks

title

The first lecture series "Building Blocks" builds up a basic knowledge of construction and conveys the connection between the architectural concept and its constructive implementation. The course starts with an overview of the different construction and building methods. In the two semesters the structural principles of solid construction - masonry and reinforced concrete construction - are taught.

The "building blocks" of the first semester are three exercises of increasing complexity in which the knowledge of load transfer over load-bearing solid walls is applied. Staggering of the topics:
Slab - wall and masonry bond - building structure.

Lectures and exercises, weekly in presence.
Work in teams of two. Excursion in the 2nd semester.

topic

Constructing Architecture, Andrea Deplazes
BUK, Bautechnologie und Konstruktion, ETH Zürich, Daniel Mettler u. Daniel Studer

recommended reading