FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture

Bachelor

Winter 22/23

mc architects

ba.m3.2 Building Construction Basics

course

Prof. Dipl.-Ing. Architekt BDA Michael Schanné

lecturer

massive

title

Conveying constructional principles with the following topics:
Material-compatible joining and static requirements, joining and order dimensions, production processes and construction tolerances Water-tightness and vapor diffusion, thermal and sound insulation.

Construction types:
Single-shell and multi-shell solid wall constructions, foundations, ceilings, openings, flat roofs, pitched roofs, loggias and balconies.

Joining principles and constructive detailing:
Seals, windows and doors, ceiling and roof structures, stairs.
The mutual condition of design, solid construction and detail.

Presentation tools:
Sketches, constructional drawings, model building, layout

topic

Deplazes, Architektur konstruieren
Moro, vom Detail zum Prinzip, Band 1/2, Grundlagen/ Konzeption
Detail, Flachdachatlas
Detail, Betonatlas
Detail, Stahlbauatlas
Detail, Holzbauatlas
Detail, Fassadenatlas
Detail, Recyclingatlas

recommended reading