FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture

Bachelor

Winter 22/23

mc architects

ba.m3.3 Building Construction

course

Prof. Dipl.-Ing. Architekt BDA Michael Schanné

lecturer

flexible spaces

title

Deepening and complementing the constructional principles:
Material-appropriate design, water-tightness, vapor diffusion and condensate, airtightness, sound insulation, joining, mass and construction tolerances
Frame structures

Construction typologies and bracing:
(Elemented) reinforced concrete construction, steel construction, wooden skeleton construction, hybrid constructions

Joining principles and constructive detailing:
Foundation / column, column / beam, beam / ceiling, waterproofing, windows, doors and gates, glazing systems, drywall, ceiling and roof structures, sound insulation, corrosion protection, sun protection.
The mutual condition of design, structure and detail.

Presentation tools:

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