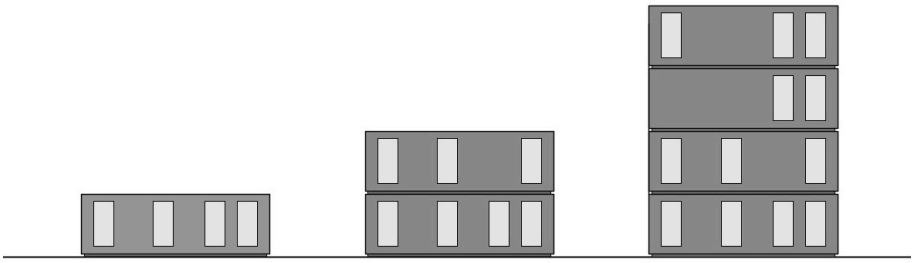
FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture



Bachelor

Winter 22/23

ba Thesis
course

Prof. Dipl.-Ing. Kristina Sträter
lecturer

prefabricated
title

Prefabrication of building components is not a new discovery; it already took place in earlier building eras - in antiquity, the Wilhelminian period or in the prefabricated buildings of the GDR. However, prefabrication can and will play an essential role in future ideas for sustainable building concepts. Structural prefabrication can be used in steel, wood and reinforced concrete construction. It leads to very precise building components. Construction times and construction processes are shortened, modules can be recorded in databases and reused in the sense of "urban mining".
The final module before the bachelor's thesis deals with the prefabrication of building components. Students research and delve into a separate aspect of prefabrication in each case. Topics such as transportation, history, construction sequence, material reduction, constructive principles are chosen according to individual interest. After an in-depth analysis phase, the evaluation and further definition of the project topic will follow.
Documentation in book form, presentation, processing in individual work.
topic

Holzbau Raummodule, Huß Kaufmann Merz, Detail Praxis
Zuschnitt, Zeitschrift, Nr. 67 Raumstapel, download: www.proholz.at
Detail, 5/2022, Prefabrication Modular Contruction
Detail, 6/2020, modular prefabricated

recommended reading