FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture

Bachelor

Winter 22/23

p.r.n. photo credits

ba Thesis
course

Philipp Lammers MA (arch) ARB
lecturer

BIM
title

BIM (Building Information Modelling) looks at the broader picture of the currently most discussed change to the building industry. With a mix of lectures, exercises and practical tutorials all "Dimensions of BIM" (3D, 4D, 5D, 6D and 7D) are reviewed and investigated for their potential of bringing a change to the way our professions work together.
In a first exploratory phase participants will explore different standards and methodologies of BIM through a combination of lectures and own research as well as through guided and autonomous tutorials.
The content will be based around the ISO 19650-1 and 2:2018 standards of BIM, but as part of the research subjects, international developments shall be considered as well.
The assignment for a potential bachelor thesis would build on the above and should be furthered by the students with regard to a self-chosen "specialty topic". The outcome will be presented both as a book as well as a presentation in the colloquium.
(This seminar can be offered bilingual (ENG / GER).)
topic

Optional / Supplementary Reading:
BIM in Principle and in Practice; 2014, ice publishing
Der BIM Manager; 2018, Beuth
EN ISO 19650 Series
UK BIM Framework Guidance, regular updates, cdbb

recommended reading