FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture

Norman Foster, Model Sainsbury Centre, Norwich, UK

Bachelor

Winter 23/24

ba.m3.3 Building Construction

course

Prof. Dipl.-Ing. MDes Martin Ebert

lecturer

A Show Room

title

Introduction to the principles of skeleton construction.

Design and detailed development of a school pavilion with classrooms and ancillary spaces as a prototype. Particular consideration to be given to the disassembly and re-use of the structure.

- Exercises to skeleton structure and envelope
- Development of a spatial and plan concept
- Load bearing structure and envelope
- Development of all plans, sections and elevations, scale 1:100
- Details of structure, base, cladding, roof and window and doors, scale, 1:10/5/1
- Model and perspective views

Team work in teams of two in studio spaces.

topic

Projects by Norman Foster, Richard Rogers, Miller Maranta, LIN Architects, Fritz Haller, Renzo Piano, Mies van der Rohe, David Chipperfield and others
Andrea Deplazes, Constructing Architecture
Peter Cheret, Handbuch und Planungshilfe Baukonstruktion und Bauphysik

recommended reading