

Core Program Master-Thesis FS 2025: Concrete - Construction

Cooperation Partner 1: Prof. Andrea Deplazes

Cooperation Partner 2: Patrick Gartmann



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The task is based on a so-called C-task and concerns questions of sustainability, which are dealt with conceptually and constructively. Based on (reinforced) concrete as a construction method, specific properties for the formation of structure and space and its crafting process are investigated and later translated into an architectural project. How does the future of this unique material look like?

Preparation phase:

Conceptual and constructive analysis of (reinforced) concrete structures and its latest research. Based on this, an architectural idea is to be formulated and possible implications identified.

Elaboration phase:

Elaboration of an architectural project.

Constructive elaboration, materialisation and architectural expression.

Further details:

Max. 5 Students

Individual work

Weekly table critiques with the assistant

Regular interim critiques with the professors

Expected outcome:

Architectural analysis of a (reinforced) concrete construction method in plan and model

Architectural project in plan and model, 1:200/1:100/1:50/1:20

Grading:

Design/Conception (AD): 50%

Cooperation partner (PG): 50%