

Core Program Master-Thesis HS 2021: Topic description

Cooperation Partner 1: Prof. Christian Kerez

Cooperation Partner 2: Prof. Joseph Schwartz

Cooperation Partner 3 (optional):

Picture (optional):



Title and short description (ca. 300 words):

International School of Design (HITSZ) at Shenzhen University Town, China.

Imagining a different output of the design competition for a university building for the Shenzhen based joint venture between Harbin Institute of Technology, Institute for Advanced Architecture of Catalonia and Zurich University of the Arts.

Size: more than 70'000 sqm.

Program: spaces for higher education.

Competitions represent one of the core disciplines of architecture design. In preparation to possible professional challenges of an architect, we propose to simulate a past competition and elaborate a project with the special focus on **durability**.

Description of preparation and elaboration phase in key-words:

Preparation phase:

- analysis of the design brief, analysis of the geographic, social and cultural context and elaboration;
- research on the correlation between typological specificities of the program and structural principles;
- collection of case-studies of comparable objects;
- concept study: development of an organization and structural principle.

Elaboration phase:

- specific design according to the result of the preparation phase.

Work to be done in preparation phase: teaching formats (crits, seminars, lectures; individual, group work, ...), inputs (lectures, visits, ...), research and working formats (literature review, archival research, lab work, site survey or analysis, experiments, ...), expected outcome (ca. 300 words):

The preparation phase aims at defining the design criteria for the elaboration phase. This phase consists of a research part, that can be done in form of group work, and a concept study part, that will be done in form of individual work. This phase will be assisted weekly in form collective or individual feedback. The phase will be concluded with a review with Prof. Kerez and Prof. Schwartz.

Prof. Christian Kerez will be giving inputs on the experience for competitions in China. PhD candidate Yiqiu Liu will be giving inputs on the urban and cultural context regarding the competition. The chair will provide inputs on how research and analysis tools.

The work method expected by students will be comparable to the design methods thought within the framework of the design studios.

Ratio of grading by cooperation partners for preparation and elaboration phase:

The grade will be defined in accordance by both cooperation partners since the architectural design the structural design are not conceived to be separable from one another.

Preparation phase:

Percentage designer(s): 70

Percentage non-designer: 30

Elaboration phase:

Percentage designer(s): 70

Percentage non-designer: 30