

software barn „cow-working” “Countryside: The Future”

Let's design an IDEAL WORKPLACE

- for yourself and your firm
 - or for a start-up
- or for a co-working community

COURSE DESCRIPTION

Function

Over the past decades there were two parallel processes happening in Europe; moving in and moving out of the cities. As an effect of the pandemic, thanks to online education and home office working, moving out of the cities to the countryside was growing significantly.

Today thanks to digitalization our office = workplace is where we are.

There are 3 alternative project sites for the Specialized Project and Departmental Design M of the autumn semester of 2022. The main function – IDEAL WORKPLACE – is the same in each case. This must be situated in 1 of the 3 different contexts; city – Budapest VII., intermediate zone/suburban town - Fót, countryside - Mogyoród. The specific design tasks will alter according to different situations and sites. The detailed elaboration of these tasks will be completed at the beginning of the semester. It has to be a medium complexity, eco- and energy-conscious building to be joined into the life of the settlement.

The units on different plots may differ according to the programs finalized by the students, and the functional programs can be modified and combined. Analysing the existing complex environment and understanding the connections is a very important part of the task. The floor area of the buildings to be planned is approximately 600-800 m² net. The semester begins with a description of the design locations, site visits, followed by lectures detailing the broader context.

CONTENT AND FORMAL REQUIREMENTS

Concept design (projected presentation):

- layout 1:1000 (with site analysis)
- presentation of reference building(s) of similar character (3-4 A4 pages)
- elaboration of the design program, presentation of function
- scale-model, presentation of the basic design ideas (master plan, scheme function min. 1:500)

Preliminary design I. (projected presentation):

This design phase is already individual work, focusing on the development of the architectural form, of the relation between space and massing, of the relation with the surrounding, and of the interior functional system.

- site plan M=1:500, 1000
- plans of the different levels, sections, elevations M=1:200
- perspective views, sketches, scale-model with surroundings min. 1:500

Preliminary design II.:

The same as Preliminary design I., but only in case of unsuccessful presentation, or upon request.

Final project (projected presentation):

At the end of the semester detailed 1:100 documentation has to be prepared.

(simplified „program design“):

- site plan at a scale of M=1:200, 500 with surroundings (buildings, garden, streets, walking ways, entrances, delivery entrances, flooring)
- plans of all different levels with the name of the rooms marked 1:100 (exceptional case 1:200)
- at least 2 different sections showing the structural solutions, dimensions 1:100 (exceptional case 1:200)
- all facades with the used materials and 1:100 (exceptional case 1:200)
- perspective view with the surrounding, street view, photomontage
- technical description (main ideas, functional system, used materials) cca. 1 A4 page
- Model min. scale M= 1:333 (paper, balsa wood, plexi)

Formal requirements:

All drawings can be traditional hand- or CAD drawings or any other optional official scaled printed technique. Size, format, legend due to the sample sheet given by the department. Beside the detailed documentation a compressed sheet of 59.4 x 178.2 cm of the project must be submitted as well. Submission is fulfilled with digital submission, presentation is highly recommended, but not compulsory! The clear and correct technical presentation is important. A stable cover due to the plans dimensions with index is necessary. Models have to be submitted in boxes. The name and e-mail address of the author and the title of the project have to be marked on each plan, cover, model and box.

September 2022.

Nagy Iván DLA
associate professor
head of course

Bartók István DLA
associate professor
head of course

Vasáros Zsolt DLA
university professor
head of department