

I have a valuable plot! What should I build there?

Department of Industrial and Agricultural Building Design and
Department of Construction technology and Management

COURSE DESCRIPTION

Theme of the course

The theme of the course is to find the utilization of a valuable but challenging city plot on the western slope of the Buda Castle Hill (Budapest; 1st district, Logodi str.56) in a historical environment.

Progress throughout the semester

The course will be held in a workshop style. Students' will be accompanied by consultants of both departments (design&management). Students will have to complete their tasks in groups of 3. Groups will be international and formed in a way that students in the group are from different years of their studies.

In the beginning of the course students will get familiar with the site and the task in the form of presentations and site visits. Students have to document an analysis of the site, and find inspiring buildings related to the task and their management solutions.

The analysis of management solutions should be done separately, but in a way that complements the above study of the inspiring examples. It should address the functions and the unique design choices that influenced the constructional solutions of the building. The students must provide a list of the most important choices and solutions that couldn't have been made, were the same design attempted to be built on the Budapest site.

Apart from the presentation of these analyses the progress of projects has to be presented on two occasions before the final presentation, as indicated in the schedule. All presentations will be immediately evaluated by the consultants who will discuss the work in public.

The classroom K 222 is available for the students all day on Tuesday and Thursday. Note that the door is not locked and other students use the class room on other days. Please arrive no later than it is indicated in the schedule. You will listen to each other's presentations on almost every Tuesday. Thursday is for consultations, lectures and workshops.

TIMETABLE AND TOPIC SCHEDULE

Tuesdays 9:15 AM – 6:00 PM, Thursdays 9:15 PM – 6:00 PM in room K 222

	Tuesday	Thursday
week no.1 11. and 13. February	4:00 pm INTRODUCTION, SITE VISIT Students' short introduction Introductory lectures by instructors. Setting up the teams with 3 students and topics of preliminary study.	9:00 am STUDENTPRESENTATION of preliminary study of site analysis and consultation with both departments build a common make-up
week no.2 18. and 20. February	4:00 pm STUDENTPRESENTATION of motivating examples consultation with both departments build a common make-up	9:00 am STUDENTPRESENTATION of preliminary study of management studies consultation with both departments
week no.3 25. and 27. February	4:00 pm CONSULTATION with both departments	9:00 am CONSULTATION with both departments
week no.4 03. and 05. March	4:00 pm STUDENTPRESENTATION of concept design	9:00 am CONSULTATION with both departments
week no.5 10. and 12. March	4:00 pm CONSULTATION with both departments	9:00 am CONSULTATION with both departments
week no.6 17. and 19. March	4:00 pm STUDENTPRESENTATION of management solutions	9:00 am CONSULTATION with both departments
week no.7 24. and 26. March	4:00 pm CONSULTATION with both departments	3:00 pm STUDENTPRESENTATION of final completed projects

Participants

The course Project Design is run by two departments: the Department of Industrial and Agricultural Building Design and Department of Construction technology and Management. Students' work will be accompanied by consultants of both departments.

Lecturers responsible: Zsolt HUSZÁR, Dávid SZABÓ DLA

Consultants:
 Department of Industrial and Agricultural Building Design
 – Julia POKOL
 – Dávid SZABÓ DLA
 Department of Construction technology and Management
 – Adrienn LEPEL Phd
 – Zsolt HUSZÁR

INTERDISCIPLINARY PROJECT BASED DESIGN 1

HALF SEMESTER COURSE 2	Credits: 8	in cooperation with Department of Industrial and Agricultural Building Design and Department of Building Constructions
Tutors: Dávid SZABÓ DLA Zsolt HUSZÁR	Responsible: Dávid SZABÓ DLA Zsolt HUSZÁR	
Way of training:	Practical interdisciplinary design course – Lectures, team consultations, common presentations and evaluation in English – according to the timetable	

Conditions:

- active presence during the semester (70% of classes)
- accepted presentation of **preliminary study** of site analysis and inspiring examples
- accepted presentation of **concept design** (architectural program, architectural floor plans, section, 1:200, mock-up and perspective view of the structural system with materials and approximate dimensions)
- accepted presentation of **management solutions**
- accepted presentation of **final design** project plans, (architectural floor plans, section, elevations 1:200, structural floor plans, sections 1:200, site plan 1:1000, and mock-up illustrating architectural form 1:200)

Grading:

The final grade will be established as the result of the personal and team work of the student in class and at home. The submissions, presentations and class work will be graded according to the following:

concept design: 15 %
 building construction design: 20 %
 activity during semester workshops: 15 %
 final submission and presentation: 50 %

Grades:	0-49 %	failed	(1)
	50-62 %	passed	(2)
	63-75 %	satisfactory	(3)
	76-89 %	good	(4)
	90-100 %	excellent	(5)

11th February 2020.

Dávid SZABÓ DLA
 assistant professor
 Department of Industrial
 and Agricultural Building Design