



## Viva Danube

## COURSE DESCRIPTION

### Theme of the course

The theme of the course is to design a reconstruction project. This modern classical hotel building is situated on an interesting site just next to the Danube in a leisure area in the outskirts of Budapest close to the downtown (Budapest III. district, Kossuth Lajos üdülõpart 40. 1039). The main goal is to define a function and a well organised refurbishment for the currently empty and unused edifice.

### Theme of the course

The course will be held in a workshop style. Students' will be accompanied by consultants of both departments (design&technical). Students will have to complete their tasks in groups of 3-4. 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 visit. Students have to document an analysis of the site, and inspiring buildings related to the task and their constructional solutions.

The analysis of inspiring buildings should address the location and climate, with an analysis of the spatial and functional system of the presented buildings. It should also contain a short evaluation of the design's suitability as social housing (why and how it could serve this function and what level of comfort - functional, thermal, visual, acoustic - was achieved).

The analysis of building construction solutions should be as teamwork aswell, but in a way that complements the above study of the inspiring examples. It should address the structure size and type, the choice of materials and constructions 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 Mondays and Fridays. 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 Friday. Mondays is for consultations, lectures and workshops.

INTERDISCIPLINARY PROJECT BASED DESIGN 1

**TIMETABLE AND TOPIC SCHEDULE**

Mondays 9:15 AM – 6:00 PM, Friday (!)9:15 AM – 6:00 PM in room K 222

	MONDAY	FRIDAY
week no.8 25. and 29. October	<b>4:15 pm</b> INTRODUCTION Students' short introduction Introductory lectures by instructors. Setting up the teams with 3-4 students and topics of preliminary study.	<b>9:15 am</b> SITE VISIT Meeting point on the site
week no.9 01. and 05.Novemb er	<b>:-:--</b> ALL SAINTS' DAY no consultation	<b>9:15 am</b> STUDENTPRESENTATION of preliminary study of site analysis  consultation with both departments build a common make-up
week no.10 08. and 12. November	<b>4:15 pm</b> BUILDING CONSTRUCTIONS LECTURE by Lajos TAKÁCS PhD  consultationwith both departments	<b>9:15 am</b> CONSULTATION with both departments
week no.11 15. and 19. November	<b>4:15 pm</b> CONSULTATION with both departments	<b>9:15 am</b> STUDENTPRESENTATION of concept design
week no.12 22. and 26. November	<b>4:15 pm</b> CONSULTATION with both departments	<b>:-:--</b> UNIVERSITY OPEN DAY no consultation
week no.13 29. and 03. December	<b>4:15 pm</b> CONSULTATION with both departments	<b>9:15 am</b> CONSULTATION with both departments
week no.14 06. and 10. December	<b>4:15 pm</b> CONSULTATION with both departments	<b>3:15 pm (!)</b> STUDENTPRESENTATION of final design

**Participants**

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

Lecturers responsible: Lajos TAKÁCS PhD, Dávid SZABÓ DLA

Consultants: Department of Industrial and Agricultural Building Design  
– Dávid SZABÓ DLA, Júlia POKOL, Mohamed RASLAN, Rania MATROUK

in cooperation with: Department of Building Constructions  
– Lajos TAKÁCS PhD, Boldizsár MEDVEY

INTERDISCIPLINARY PROJECT BASED DESIGN 1- BMEEPTCEP01 - 2021. AUTUMN

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

<p><b>Conditions:</b></p> <ul style="list-style-type: none"> <li>- active presence during the semester (70% of classes)</li> <li>- accepted presentation of preliminary study of site analysis and inspiring examples</li> <li>- 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)</li> <li>- 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)</li> </ul>
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<b>Grading:</b>			
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 %		
<b>Grades:</b>	0-49 %	failed	(1)
	50-62 %	passed	(2)
	63-75 %	satisfactory	(3)
	76-89 %	good	(4)
	90-100 %	excellent	(5)

13<sup>th</sup> June 2021.

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Department of Industrial  
and Agricultural Building Design

Lajos TAKÁCS PhD  
associate professor  
Department of Building Constructions