

**AMPHIBIOUS OPERATION**  
Conquering of the Downtown part of Danube bank

**Department of Explorative Architecture &  
Department of Construction technology and Management**

## **COURSE DESCRIPTION**

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The design location is in a central part of Budapest, in the 5th district section of the riverbank, where you can find the most touristic places on Pest side of the city. The connection between the capital and the Danube is currently limited and there is little activity in these areas, and the communication with the city center is quite restricted. Several initiatives have been taken to involve the Rakpart area of the urban circulation, with less success. Locals and tourists want to see more community activity and more functions in the area, which is why several programs were launched in previous years to close off the quay from traffic and utilize the area for pedestrians. As part of this, it would be necessary to include new functions in the planning process, such as a beach bath, floating park, ship station, restaurant, event hall, sports center, and pedestrian bridge. These facilities can solve multiple problems in the area and could give suggestions to the city, on how to develop our connection with nature and water surfaces.

The students' teams will also need to do detailed site analysis and prepare a short presentation about examples from their own country's similar topic: connection with water surfaces and solutions for similar situations.

For the design project, in the middle of the course, groups have to make a conception plan with detailed program for their project, exact location and the site analysis for the connection to the city. At the end of the course, we expect to have a design plan from every group for their own topic and site, and an assembled site plan will all the projects from the semester to create a full length of interventions on the riverbank of the V. district.

We ask design teams to prepare their drawings, 3d model week by week, to make your concept more precise.

## **PROGRESS THROUGHOUT THE SEMESTER**

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The course will be held in a workshop style. Students will be accompanied by consultants from both departments (design & management). 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 find inspiring buildings related to the task.

The analysis on the function and the users should be done separately, but in a way that complements the above study of the inspiring examples. It should address the functions and the use of the building with all its effects – social, ecological, economical. The students must provide a detailed analysis on the functions with all the necessary connections, material choices, etc..

Apart from the presentation of these analyses the progress of projects has to be presented on one time 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 Tuesdays and Thursdays. 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.

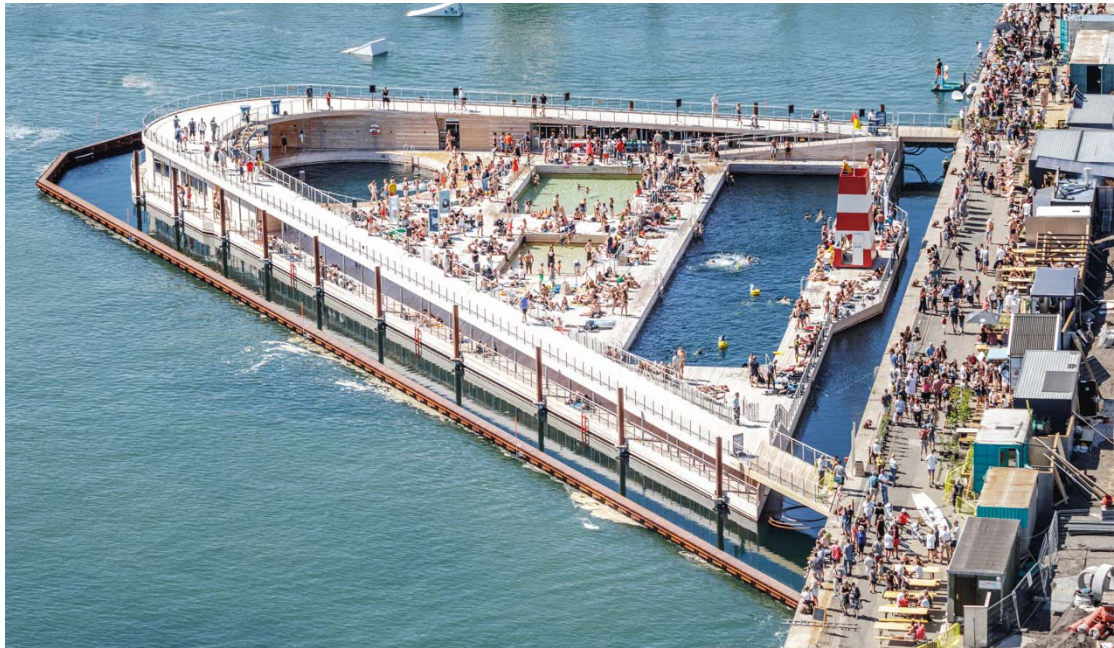
**SITE**

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*photo: RAKPARK 2015 - architectural competition - issued instruction documentation*

**INSPIRING EXAMPLES**



*photo: 1. Varsányi András, Ádász Flóra, 2. BIG Harbourbath – Aarhus, Denmark, 3. Little Islands – New York  
(photo: Adel Laura Saghegyi)*

**TIMETABLE AND PLANNED SCHEDULE**

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

	Tuesday	Thursday
week no.1 13. and 15. February	<b>03:15 pm</b> INTRODUCTION, SITE VISIT  Students' short introduction. Introductory lectures by instructors. Setting up the teams with 3-4 students and topics of preliminary study.	<b>03:15 pm</b> SITE VISIT with the instructors   Lecture about the programing
week no.2 20. and 22. February	<b>03:15 pm</b> STUDENTPRESENTATION of preliminary study of site analysis  consultation with both departments	<b>03:15 pm</b> CONSULTATION with both departments
week no.3 27. and 29. February	<b>03:15 pm</b> STUDENTPRESENTATION of programing  consultation with both departments	<b>03:15 pm</b> CONSULTATION with both departments
week no.4 05. and 07. March	<b>03:15 pm</b> CONSULTATION with both departments	<b>03:15 am</b> STUDENTPRESENTATION concept design
week no.5 12. and 14. March	<b>03:15 pm</b> CONSULTATION with both departments	<b>03:15 pm</b> CONSULTATION with both departments
week no.6 19 and 21. March	<b>03:15 am</b> CONSULTATION with both departments	<b>03:15 pm</b> CONSULTATION with both departments
week no.7 25. and 27. March	<b>03:15 pm</b> STUDENTPRESENTATION of final completed projects	NO CONSULTATION  Spring Break

*\* the schedule is subject to future changes*

## **PARTICIPANTS**

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The course Project Design is ran by two departments: Department of Explorative Architecture and Department of Construction technology and Management. Students' work will be accompanied by consultants of both departments.

Lecturers responsible: Adrienn LEPEL Phd, Dávid SZABÓ DLA

Consultants: Department of Explorative Architecture  
– Adél Laura SÁGHEGYI, Rania MATROUK, Imre Szűcs

in cooperation with: Department of Construction technology and Management  
– Adrienn LEPEL PhD Balázs TÓKÉS DLA

## **CREDIT**

HALF SEMESTER COURSE 1	Credits: 8	in cooperation with Department of Explorative Architecture and Department of Construction Technology and Management
Tutors: Dávid SZABÓ DLA Adrienn LEPEL PhD	Responsible: Dávid SZABÓ DLA Adrienn LEPEL PhD	
Way of training:	Practical interdisciplinary design course – Lectures, team consultations, common presentations and evaluation in English – according to the timetable	

## **CONDITIONS**

<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>- presence during all workshops</li> <li>- accepted presentation of concept design (architectural program, masterplan, site plan, architectural plans, sections, elevations, perspective view of the structural system with materials and approximate dimensions, middle scale mock-up)</li> <li>- accepted presentation of final design project plans (architectural program, masterplan, site plan, architectural plans, sections, elevations, perspective view of the structural system with materials and approximate dimensions, large scale mock-up)</li> </ul>
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## INTERDISCIPLINARY PROJECT BASED DESIGN S

### **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: 20 %

activity during semester workshops: 20 %

final submission and presentation: 60 %

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