

INTERDISCIPLINARY PROJECT DESIGN - BMEEPTCEP01 - PUBLIC LOFT! - 2022. AUTUMN

HALF SEMESTER COURSE 1 HOT REACTION	Credits: 8	in cooperation with Dept. of PUBLIC BUILDING DESIGN and Dept of BUILDING CONSTRUCTIONS
Tutors: András GYÖKÉR Dr Lajos TAKÁCS Zoltan SCHRAMMEL DLA	Responsible: Dr Ágnes Gy. BALOGH vice dean	
Way of training	Practical interdisciplinary design course – Lectures, team consultations, common presentations and evaluation in English – according to the timetable	

TIMETABLE AND TOPIC SCHEDULE**Mondays 8:15 AM - 4 PM, at the room K 222 (Wednesdays 8:15 PM - 4 PM)**

week	MONDAY	WEDNESDAY
1. 05. and 07. Sept.	introduction, general information , Lecture by Public Building Design Dept. questionary	site visit - 4 hours Meeting in front of main gate of "K"
2. 12. and 14. Sept.	analysis of ideas and references organisation of teams	consultation with both Dept.s
3. 19. and 21. Sept	presentation and common evaluation of concept and lay-out models	lectures about references (2 classes) consultation with both Dept.s
4 26. Sept. 28. Sept.	consultation with both Dept.s	individual team mock up consultation
5. 03. and 05. Oct.	presentation and common evaluation of preliminary plans	consultation with both Dept.s individual team mock up
6. 10. and 12. Oct.	consultation with both Dept.s	consultation with both Dept.s
7. 17. and 19. Oct.	final presentation of completed projects and evaluation, discussion	

- **Conditions:**
- - accepted first presentation
- - submitted and presented project plans, (floor plans, section, all elevations 1:200/100, site plan 1:500/200, and model 1.500/200/100)
- **Deadline: 19th of OCT, WED, Presentation starts at 9:00AM**

- **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:
 - 1st preliminary presentation: 15 %
 - building construction solutions: 20 %
 - activity during semester workshops: 15 %
 - final submission and presentation: 50 %
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|---------|----------|--------------|-----|
| Grades: | 0-49 % | failed | (1) |
| | 50-62 % | passed | (2) |
| | 63-75 % | satisfactory | (3) |
| | 76-89 % | good | (4) |
| | 90-100 % | excellent | (5) |

THE PROGRAM OF THE COURSE MIGHT BE CHANGED ACCORDING TO THE ACTIONS OF THE UNIVERSITY AND FACULTY OF ARCHITECTURE

- **Way of completion:**
- - active participation in consultations with home-prepared plans and models
- (presence at least 70% of consultations - according to Code of Studies)
- - submission and presentation of complete project plan before deadline

Short description of the course

Interdisciplinary Project Design for exchange students is a twice half-semester design course in English, organised by two departments - one design and one engineering, by the departments of Public Building Design and Building Constructions. The object of the course is to introduce a multi-level design method for students - from general concept to an architectural synthesis. Architectural design based on the analysis of the location, natural and cultural heritage, personal architectural attitude, architectural details is going to give a common frame for individual proposals. Teamwork and individual work will constantly implement and define each other. The semester will also give space to work on some contemporary questions in architecture and construction design, like basic philosophical statements about utilisation of lofts for public purpose, their constructions, functions, the interdisciplinary sustainability of planned solutions, the relationship and social aspects of public and private spaces, the spatial intimacy, effects of landscape design, etc.

Topic of current course is HOT REACTION.

Summers are getting hotter from year to year while the globe -and currently Europe first - faces to new environmental and energy crisis which expects quick reactions of architecture.

Loads of serious questions have to be answered by designers:

- can be accepted monofunctional public buildings any more?
- what kind of architectural and technical solutions can balance the summer energy impact-consumption dissension?
- how can be upgraded the definition of "sustainability" by design innovation?
- how can be reduced the special raw material dependence? - by LOW-TECH ?

Structure of the semester

Three main phases form the basic structure of the course:

1. *Engrossment* – in personal impact of the topic, in first impressions of a new environment, in the given informations
2. *Analysis* – discovering the characteristics of the location: history, layers, development plans, etc. The analysis starts with individual exploration, but the final workgroups of 2-4 people will take on the analysis together. From the beginning a teamwork involving all the class will take place based on the discussions of the findings and of the differences of cultures and visions..
3. *Wayfinding* – architectural behavior, interpreting the context: building and landscape design. A full documentation of an architectural intervention will be developed in scale 1:200 / 50. Design work will be assisted by consultations in class, and common presentation is held whit collective critical evaluation.

Site

Options:

Exciting empty lofts of Budapest

Lecturers responsible: András GYÖKÉR, Dr Lajos TAKÁCS

