

**INTERDISCIPLINARY PROJECT DESIGN - BMEEPTCEP01 - TRANSPARENCY - 2018. AUTUMN**

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|---|---|---|
| HALF SEMESTER COURSE 1<br><b>TRANSPARENCY</b>   | Credits: 8  | in cooperation with<br>Dept. of PUBLIC BUILDING DESIGN<br>and<br>Dept of BUILDING CONSTRUCTIONS |
| Tutors: Zoltan SCHRAMMEL<br>Zsuzsanna FÜLÖP<br>Gyula GRÉDICS<br>Emese TÓTH<br>Zoltán HUNYADI<br>Dániel RITTER | Responsible:<br>István BARTÓK   |   |
| Way of training   | Practical interdisciplinary design course – Lectures,<br>team consultations, common presentations and<br>evaluation in English – according to the timetable |   |

***TIMETABLE AND TOPIC SCHEDULE***

**Mondays 8:15 AM - 4 PM, Wednesdays 8:15 PM - 4 PM at the room K 222**

| <b>week</b>                 | <b>MONDAY</b>   | <b>WEDNESDAY</b>  |
|-----------------------------|---|---|
| 1.<br>03. and<br>05. Sept.  | introduction, general information (2 classes),<br>Lecture by Public Building Design Dept.<br>questionary              | site visit - 4 hours<br>Meeting in front of main gate of "K"                        |
| 2.<br>10. and<br>12. Sept.  | analysis of function, location and references<br>organisation of teams  | building the base model of teams<br>consultation with both Dept.s                   |
| 3.<br>17. and<br>19. Sept   | presentation and common evaluation of analysis, concept and lay-out models<br>lecture about SANAA Project in Budapest | architectural lecture about references (2 classes)<br>consultation with both Dept.s |
| 4<br>24. Sept.<br>26. Sept. | Lecture by Building Constructions Dept. (2 classes)<br>consultation with both Dept.s                                  | individual mock up<br>consultation (4 classes)                                      |
| 5.<br>01. and<br>03. Oct.   | presentation and common evaluation of preliminary plans   | consultation with both Dept.s<br>individual mock up                                 |
| 6.<br>08. and<br>10. Oct.   | Lecture by Building Constructions Dept. (2 classes)<br>consultation with both Dept.s                                  | consultation with both Dept.s   |
| 7.<br>15. and<br>17. 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)
- - submitted energetic study with calculation, energetic schemes, validation of designed building,
- **Deadline: 15th of OCT, MON, 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:
    - 1<sup>st</sup> preliminary presentation: 15 %
    - construction solutions: 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) |

- **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 2x half-semester design course in English, organized by two departments - one design and one engineering - for "TRANSPARENCY" Project the Public Building Design and Building Constructions departments. 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 transparency, the interdisciplinary sustainability of your own building, the relationship and social aspects of public and private spaces, the spatial intimacy, effects of landscape design, etc.

***Structure of the semester***

Three main phases form the basic structure of the course:

1. *Engrossment* – in personal impact of TRANSPARENCY, 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 with collective critical evaluation.

***Site***

Options:

1. “Magdolna Quarter”, a socially disadvantaged district of Budapest, where “TRANSPARENCY” can provide special new architectural values  
[http://ec.europa.eu/regional\\_policy/archive/conferences/roma2011/doc/conclusions/23052011\\_alfoldi.pdf](http://ec.europa.eu/regional_policy/archive/conferences/roma2011/doc/conclusions/23052011_alfoldi.pdf)
2. closed to the 1. area is located the National Graveyard of Hungary, where “TRANSPARENCY” may have a unique meaning from point of view of architecture  
[https://en.wikipedia.org/wiki/Kerepesi\\_Cemetery](https://en.wikipedia.org/wiki/Kerepesi_Cemetery)

**Lecturers responsible:** Zoltán SCHRAMMEL, Ms Zsuzsanna FÜLÖP

**Instructors:** Zoltán SCHRAMMEL, Mr Gyula GRÉDICS, Mr Dániel RITTER,  
in cooperation with

Dept. of Building Constructions - Ms Zsuzsanna FÜLÖP, Mr Zoltán HUNYADI, Ms Emese TÓTH