

BME Faculty of Architecture		Department of Urban Planning and Design	
		Department of Construction Technology and Management	
Name of the course: Interdisciplinary, Project Based Design		Code:	
A tárgy angol neve: Interdisciplinary, Project Based Design		BMEEPTCEP01	
Grading: practical	Credits: 8	Location in the curriculum: Erasmus	
Lecturer:	KÁDÁR Bálint LEPEL Adrienn BALLA Regina HAJNAL István	Person in charge at the department:	KÁDÁR Bálint PhD LEPEL Adrienn PhD

COURSE REQUIREMENTS

Requirements of signing up for the subject:	Registration in the NEPTUN system. Prerequisites: according to university regulations
Type of classes:	lectures, student presentations, consultation, workshops, site visits
Requirements of appearance:	According to university regulations, attendance at classes has to exceed 70%! The lecturers may make attendance-sheets during any of the classes.
Requirements during class period:	active presence, project presentations according to schedule
Tasks with deadline :	See timetable below!
Requirements for signature:	Appearance has to exceed 70%. Accepted project presentations
Evaluation at the end of the semester:	Evaluation is based on quality of presentations.

KOMÁRNO
KOMÁRON

Connecting a heritage city with the heritage of the Danube by the redevelopment of Komarno's industrial riverfront

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.

The "KOMARNO KOMARON" project of the Department of Urban Planning and Design and the Department of Construction Technology and Management aims to integrate the historic city of Komarno with its Danube riverfront. Komarno is city with the most extensive fortification systems from the 17th-19th centuries. Its position on the Danube made it strategically important as a military center in the Habsburg Monarchy, and as an industrial center and port city later on. The industries and docks occupy the strip of land between the Danube and the fortified city, not allowing its population to enjoy its biggest resource. With a swift towards tourism and service-based economy the industrial functions by the river became partly obsolete, and could be developed to new functions. This brownfield zone has a history of its own, and the heritage of this industrial past should be kept to make a unique development.

Such mid-sized towns by the Danube have in common the great potential lying in the heritage and culture of the river, therefore the Budapest University of Technology and Economics started an international project co-funded by the Danube Transnational Programme of the EU to valorize the Danube related heritage in urbanized areas by the river in 7 countries. The "KOMARNO KOMARON" project is part of this 36 month long programme, therefore the works of students will be presented in Komarno but also in other cities by the Danube. The **DANUrB project** connects 7 universities, different professions in tourism and local management with some 20 municipalities along the Danube.

Erasmus students in the interdisciplinary project design course will work parallel with Hungarian students on the same site, who focus more on the heritage of the Danube. The development projects of the course will have to be in compliance with these heritage aspects, therefore the Erasmus students and the Hungarian students will have the opportunity to work together and reflect on each other's projects.

Structure of the semester:

The work will have to be organized in workgroups of 4-6 people, who will take on the analysis together, make a model together (scale 1:500) and make all concept and design together. Four main phases form the basic structure of the course:

1. Concept of the redevelopment of the brownfields by the riverbank
2. Integration of the heritage of Komarno and of the Danube in the project with the help of Hungarian students
3. Branding vision for the newly re-developed site
4. Final project presented also in the model 1:500

TIMETABLE AND TOPIC SCHEDULE

Tuesdays 9:15 AM - 5 PM, Thursdays 9:15 AM - 5 PM at the room K 222

date	program
1. 5. Sept .	introduction, general information definition of the design topics – redevelopment of brownfields organizing the teams (~4 members) task out: examples of brownfield development
1. 7. Sept .	student presentations: examples Lecture by Adrienn LEPEL (Real-estate development) Lecture by Bálint KÁDÁR on DANUrB (urban dept.) Lecture by Pavel GREGOR (Komarno heritage, STU Bratislava) Getting to know the Hungarian students of the parallel course on Komarno task out: analysis of Komarno and Komarom task out: base model of the site
2. 12. Sept .	student presentations: selected public space Lecture by István HAJNAL review: base model of the site task out: concept for the development of the sites
2. 14. Sept .	SITE VISIT, organized study trip to Komarno (with the Hungarian students) Full day excursion (with the possibility to sleep there)
3. 19. Sept .	student presentations: final site analysis concept and models consultation with both Dept.s on the concept Lecture by Adrienn LEPEL (BRANDING) task out: BRANDING and marketing visions for the project
3. 21. Sept .	student presentations to Hungarian students: concept (the selected development site) Hungarian students will select an Erasmus group to collaborate with consultation with both Dept.s task out: integrating heritage criteria
4 26. Sept .	student presentations: first preliminary presentation of the final concept consultations with both Dept.s
4 28. Sept .	student presentations: Presentation of shortened versions of the preliminaries to Hungarian students <i>(repeated first preliminary presentation if needed)</i>
5. 3. Oct.	consultations with both Dept.s model consultation
5. 5. Oct.	student presentations: first ideas of branding in accordance with the project consultations with Hungarian students on heritage valorization consultations with both Dept.s

6. 10. Oct.	consultations with both Dept.s model consultation
6. 12. Oct.	final consultations with both Dept.s Common review of the preliminary presentations of the Hungarian students
7. 18. Oct.	<i>Finalization of the project without consultation</i>
7. 20. Oct.	final submission of completed projects and evaluation, discussion

Final presentation will be on the 26th of October,
at the end of the next course of Interdisciplinary Design

Conditions:	
<ul style="list-style-type: none"> - accepted first presentation - submitted and presented project plans until the Deadline of 20th of October 	
1.	Way of completion:
	<ul style="list-style-type: none"> - 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
2.	Grading:
	The submissions, presentations and class work will be graded according to the following, as result of the personal and team work of the student in class and at home:
	1 st preliminary presentation: 20 %
	Branding and heritage valorization study and plan: 30 %
	final design - submission and presentation: 50 %
	Grades:
	0-49 % failed (1)
	50-61 % passed (2)
	62-73 % satisfactory (3)
	74-84 % good (4)
	85-100 % excellent (5)

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