

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: BMEEPTCEP01	
A tárgy angol neve: Interdisciplinary, Project Based Design			
Grading: practical	Credits: 8	Location in the curriculum: Erasmus	
Lecturer: LEPEL Adrienn SZABÓ Árpád KÁDÁR Bálint HAJNAL István	Person in charge KÁDÁR Bálint PhD at the departments: 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.

VÁC integrated

Vác is a mid-sized town north of Budapest along the river Danube. The city is prosperous cultural settlement, nevertheless inside its administrative area relatively close to its city center some left over industrial areas are awaiting renewal. The task will be finding a proper development strategy with the goal to integrate the areas into the urban tissue and reconnect them to the vibe of the city. Besides the development scenario and urban development concept (Masterplan) has to be developed in groups for the areas. The municipality of Vác was involved in the definition of the design tasks, therefore real urban development questions will be answered for the local authority with an exhibition and presentation at the end of the course. A complex approach will enable students to use a truly integrated design method resulting in exhibition-ready projects. The department of Construction technology and Management and department of Urban Planning and Design built a complex semester on this cooperation with the municipality of Vác, therefore Hungarian students will also work on this town, and this course will integrate the works of Hungarian students as well, making them consultants of the Erasmus students after they researched the urban structures and property development possibilities of the town in the first half of the semester. Our approach therefore consists in mixing international and Hungarian students, local knowledge and global creativity.



The task: To rethink the urban development possibilities of the former industrial areas shown in the map below, Interdisciplinary design students will work in specific areas of Vác, get to know all research done by the Hungarian students preparing for this course at the two departments, plan a strategic development project defining the new Masterplan for new residential and mixed-use functions. Erasmus students have to cooperate with Hungarian students, who will act as consultants and will have smaller tasks after their research phase.

Students will have to explore the branding, marketing, property development and feasibility aspects of their strategy and projects. At the end a development project with new buildings and functions connected to the inner city structure of Vác must be designed.

The project will include physical model building and the continuous development of the urban, architectural and structural design concepts. The final output will be the model and an exhibition-ready poster of the design.

Studio work:

During the 7 weeks project all students have to:

- **make the project in a group work:** students have to form groups of 4 people
- **cooperate with Hungarian students:** two courses will be held simultaneously, groups will be extended with Hungarians every second class
- **hand in** and if requested present **the 2 individual research tasks:**
 - o 1st task – research of industrial re-development projects with function change and brownfield developments
 - o 2nd task – feasibility study and process design of the preliminary design
- **make models:** strategy presented in a physical model
- **final poster:** exhibition ready posters to submit at the end of the course



Conditions:

- accepted first presentation
- submitted and presented project plans until the Deadline of 20th of October

1. 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

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:

1st 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)

SCHEDULE

Week (date)	Tuesday	Thursday
1. 24.10 26.10	Introductory lecture students form teams, site visit	Students' presentation: meeting with Hungarian students consultation time
2. 31.10 02.11	Consultation time	Students' presentation: 1st task: references, concept consultation time
3. 07.11 09.11	Consultation time	Consultation time
4 14.11 16.11	Consultation time	Day off Students' Scientific and Art Conference
5 21.11 23.11	Consultation time	Students' presentation: 2nd task: development
6 28.11 30.11	Consultation time	Consultation time
7 05.12 07.12	Consultation time	Students' presentation: Final projects

August 2023.

Bálint KÁDÁR – Adrienn LEPEL