

**BIP Design Project****TOPIC: UNIVERSAL DESIGN IN MICRO-SPACE  
PLANNING****2022/23. 2. SEMESTER**

COURSE NAME AND CODE	BIP Design Project	YAVBIPDMNF
FACULTY	Silesian University of Technology, Faculty of Architecture in Gliwice ( <b>SUT</b> )	
PARTNER INSTITUTIONS	Óbuda Ybl Miklós Faculty Of Architecture and Civil Engineering in Budapest ( <b>YBL</b> ), Technical University of Ostrava ( <b>VSB</b> ), Cracow University of Technology ( <b>CUT</b> ); PPUZ in Nowy Targ ( <b>PPUZ</b> ), University of Silesia in Katowice ( <b>US</b> ), Adam Mickiewicz University of Poznań ( <b>AMU</b> )	
PROGRAMME, TRAINING	Interdisciplinary – Eng./MSc	Erasmus +
COURSE INSTRUCTOR (Instructor managing the course)	SUT: Katarzyna Ujma-Wąsowicz	<a href="mailto:katarzyna.ujma-wasowicz@polsl.pl">katarzyna.ujma-wasowicz@polsl.pl</a>
LECTURERS	SUT: Katarzyna Ujma-Wąsowicz Klaudiusz Fross YBL: Zsuzsa Faczanyi Gabor Csanady VSB: Eva Spackova CUT: Agnieszka Wójtowicz-Wróbel PPUZ: Bogusław Podhalanski US: Małgorzata Kądziela AMU: Maciej Błaszak	<a href="mailto:katarzyna.ujma-wasowicz@polsl.pl">katarzyna.ujma-wasowicz@polsl.pl</a> <a href="mailto:klaudisz.fross@polsl.pl">klaudisz.fross@polsl.pl</a> <a href="mailto:faczanyi.zsuzsa@ybl.uni-obuda.hu">faczanyi.zsuzsa@ybl.uni-obuda.hu</a> <a href="mailto:csanadystudio@gmail.com">csanadystudio@gmail.com</a> <a href="mailto:eva.spackova@vsb.cz">eva.spackova@vsb.cz</a> <a href="mailto:wojtowicz.agn@gmail.com">wojtowicz.agn@gmail.com</a> <a href="mailto:bpbogus@gmail.com">bpbogus@gmail.com</a> <a href="mailto:malgorzata.kadziela@us.edu.pl">malgorzata.kadziela@us.edu.pl</a> <a href="mailto:maciej.blaszak@wp.pl">maciej.blaszak@wp.pl</a>
PRE-REQUIREMENTS	3 semesters of Architectural studies finished	
HOURS OF ONLINE LECTURES (PER SEMESTER)	15 hours (in 6 blocks)	
WORKSHOP AT THE SUT FACULTY OF ARCHITECTURE (PER SEMESTER)	26 hours (in block)	
FIELD WORK AND TRAINING (PER WEEKLY)	0 hours	
ASSIGNMENT	<p>Universal Design is one of the key elements of humanitarian urban and building design. Design that understands the limitations and needs of people with physical, sensory and intellectual disabilities.</p> <p>Realizing the principles of UD today requires interdisciplinary knowledge, which will be provided by invited lecturers from various universities.</p> <p>Within the framework of the stationary classes - design workshops - the students' task will be to develop an urban-architectural concept of a given micro-space, which during staying in Poland the students will personally see and analyse.</p>	
CREDITS	3 credits (ECTS) = 90 work-hours	
AIM OF THE COURSE, BRIEF DESCRIPTION	The aim of the course is to develop a concept for the development of a small public space in a town in the Silesian province.	
RECOMMENDED LITERATURE	<p>Gehl J.: <i>Life Between Buildings: Using Public Space</i>  Gehl J., Gemzoe L.: <i>Public Spaces, Public Life</i>  Landry, C. <i>The Creative City and Beyond. The Creative City: a Toolkit for Urban Innovators</i>  Pallasmaa J.: <i>The Eyes of the Skin</i>  Sternberg E.M. <i>Healing spaces : the science of place and well-being.</i></p>	

REQUIRED TECHNICAL APPLIANCES/ SOFTWARE	Contact: Moodle and E-mail Education materials: Moodle Lessons: ZOOM
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MID-SEMESTER REQUIREMENTS		
PARTICIPATION AT LESSONS AND WORKSHOP	Students have to take part in the online lessons in order to keep up with the group task	
DESCRIPTION OF THE TASKS	Task for the 2. online meetings: Analysis of the site. Community functions, program and objectives of design	30 points
	Task for the 3. online meetings: Conceptual design. Initial decisions and character of the project	30 points
	Task for the 4. online meeting: Final design with exact sizes, functions and solutions (finishing while workshops)	30 points
TOTAL	90 points	

SEMESTER CLOSING					
CONDITIONS FOR OBTAINING A SIGNATURE	MIDTERM ASSIGNMENT fulfilment to minimum 50 points. The workshop is an important part of the course, but if it will be cancelled of any reason (pandemic situation, no incoming students etc.) the students who completed all task in the educational period and earned at least 50 points have the possibility for obtaining the signature and receiving the credits.				
SIGNATURE RETAKE EXAM	In case of not obtaining the signature by the end of the educational period the students, who have at least 40 points have the possibility to resubmit the tasks and taking the signature retake exam offered within the first 10 days of the exam period.				
SEMESTER GRADE	0-49 %	50-59 %	60-69 %	70-79 %	80-100 %
	1 FAIL	2 PASS	3 SATISFACTORY	4 GOOD	5 EXCELLENT

SEMESTER SCHEDULE							
Time	Gliwice	Budapest	Ostrava	Cracow	Katowice	Poznań	LECTURES & CONSULTATIONS
1. week	April 17						Introduction, assignment of tasks – online
2. week	April 24				April 24		Lecture: Micro-space planning - idea, methods of research and work. Discussion – online
3. week					May 15		Lecture: Application of neuroscience to architectural design for people with special needs. Discussion – online
4. week						May 22	Lecture: City as a part of extended human mind. Discussion – online
5. week		May 29	May 29	May 29			Lecture: Best practices in urban and architectural design process. Discussion – online
6. week	June 5	June 5	June 5	June 5	June 5	June 5	Consultations of design process – online
7. week	June 11-18	June 11-18	June 11-18	June 11-18	June 11-18	June 11-18	Katowice / Ślemień / Katowice workshops with students

**TASK DESCRIPTION**

Microplanning is addressed to the problems of small spaces in the city structure, which have the potential to be an important place for the local community and to bring about image and pro-social changes. It is not a new issue in the world, but in Poland, for mundane reasons, local decision-makers, for various reasons, aim to change the image of these spaces. On the other hand, the microplanning methodology is based on reliable pre-project research conducted with the participation of all stakeholders, including in particular potential users of the developed area.

This will be done through interdisciplinary cooperation with the professions (cognitive scientist, aesthetician-philosopher) that are increasingly influential today in shaping "universal space" - accessible to every user.

Within the framework of the project, groups of several (international) students will be formed to develop a concept for the development of a given public space, that is located in Ślemień – small town on south of Poland.

**Description of the topics:****TOPIC NO. 1****Revitalization of the historic park in Ślemień together with the pond**

Total area: 0.8986 ha - park area: 0.7042 ha, pond area: 0.1944 ha.

- Construction of lawns and planting
- Installation of landscaping elements („small architecture”)
- Renovation of alleys, if necessary, designation and construction of new paths
- Care and protection of the historic linden tree
- Installation of lighting and monitoring
- Renovation of pergolas
- Improving the natural qualities of the park
- Development of the existing meeting place in the park and expansion of the meeting place beyond the shelter located in the park
- Development of the pond area

**TOPIC NO. 2****Development of a public sports field in the municipality of Ślemień**

Plot area: 1.3134 ha.

The field currently serves all residents of the Ślemień municipality and the local sports club LKS Smrek Ślemień.

- A pitch with an artificial surface for soccer in accordance with the guidelines of the Polish Football Association (up to the 3rd league)
- Proper lighting of the pitch
- Drainage + piping on the south side and partially on plot 207/8
- Superstructure of the building in the shape of a horseshoe
- Sports tribune in front of the aforementioned building
- Creation of a warm-up area
- Development of a small building on the west side for the needs of local athletes (locker rooms, gyms)
- Utility building (for mowers, plows, etc.)
- Leaving the existing playground in place
- Creation of a relaxation area on the east side
- Stage for the needs of the Municipality - permanent? Space for a folding stage?

**BIP Program participants**

No	First name, Last Name	University	E-mail address
1	.....	YBL Budapest	
2	.....		
3	.....		
4	.....		
5	.....		
6	.....	TU Ostrava	
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15	.....		
16	.....		
17	Agnieszka Stawinoga	SUT Gliwice	<a href="mailto:agnieszka.stawinoga@gmail.com">agnieszka.stawinoga@gmail.com</a>
18	Szymon Świdorski	SUT Gliwice	<a href="mailto:szymonvivi1999@gmail.com">szymonvivi1999@gmail.com</a>
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20	Aleksandra Kupczyk	SUT Gliwice	<a href="mailto:alekupczyk@gmail.com">alekupczyk@gmail.com</a>