

COURSE DESCRIPTION CARD

Faculty of Civil Engineering and Environmental Sciences										
Field of study								Degree level and programme type		
Specialization/ diploma path	-							Study profile	Academic profile	
Course name	M-1. Architecture and theory of design							Course code	IS-FCEE-00270W	
								Course type	Erasmus	
Forms and number of hours of tuition	L	C	LC	P	SW	FW	V	Semester	winter	
					15			No. of ECTS credits	1	
Entry requirements	No requirements									
Course objectives	<p>The aim of the activities included in this module is to make students aware of the need for continuous education in one's own and related fields, especially related to historical values of cities, cultural landscape of the city, heritage in public space of European city, accessibility of public space, good practices in design, safety in public space, sustainable development of contemporary cities, city branding and finding solutions to cities problems.</p> <p>The aim of the module is to make students to be able to apply this knowledge to the design of a bus stop shelter (M-5) designed by a team of 3 students, one from other university.</p>									
Course content	<p>Activities included to reach this aim are very different. They include: The aim of the classes (lectures, specialization workshop, project) is to give a basic approach to understand the general knowledge needed for the course and the team design for the project of a bus stop shelter in different European cities locations. The goal is achieved through: SW (L- Lecture):</p> <ul style="list-style-type: none"> • Historic Values of Cities • Accessibility of public space • Good practices in design • City branding • Cultural landscape of the city • Heritage objects in public spaces of Madrid: Debod temple • Small architecture objects. Serpentine Gallery, Kensington Gardens, Hyde Park 2000 – 2019 • Bus stops in Krumbach (Austria) – branding of the city • ACCESSIBILITY OF PUBLIC SPACE • SAFETY IN PUBLIC SPACE • HISTORICAL VALUES OF CITIES • CULTURAL LANDSCAPE OF THE CITY – MADRID • HERITAGE IN PUBLIC SPACE OF EUROPEAN CITY 									

	<ul style="list-style-type: none"> NEW SMALL OBJECTS IN HERITAGE CONTEX <p>The aim is to be able to understand the general knowledge needed for the course and the basic English terminology related to it.</p> <p>The goal will be achieved through Walking lectures/visits in Bialystok with combined teaching methods:</p> <ul style="list-style-type: none"> -presentation and discussion of what students are seeing during walking lectures/visits -discussion and exchange of thoughts on examples of historical cities related to this course <p>SW (P – project classes): Discussion and exchange of thoughts on examples presented on the lectures.</p> <p>The goal is achieved through:</p> <p>Assessment: Test and the developed team solution used for Final Oral Presentation of the 3 students team project.</p>	
Teaching methods	Lectures, project classes (P) [->Walking lectures/visits in Bialystok with combined teaching methods], carrying out a design work for bus stop shelter in a team of 3 students from 3 universities	
Assessment method	Final test and Final Oral Presentation of the team for design work defence and evaluation of design work	
Symbol of learning outcome	Learning outcomes	Reference to the learning outcomes for the field of study
L01	The graduates show general understanding of the historical values of cities, their cultural landscape, heritage and its requirements in public spaces of European city.	GLOCAL_M1_K01 (K_AK1_w07, K_GP1_W08, K_GP1_W017)
L02	The graduates show understanding of the English basic terminology related with the historical values of cities, their cultural landscape, heritage and its requirements in public spaces of European city and the scientific texts related with them.	GLOCAL_M1_K02 (K_GP1_W15, K_AK1_W16)
L03	The graduate knows basics of safety in public space rules design, accessibility of public space design, good practices in design	GLOCAL_M1_K03 (K_AK1_W10, K_GP1_W18)
L04	The graduate knows basics of city branding	GLOCAL_M1_K04 (K_AK1_W16)
L05	The graduates can apply the scientific knowledge related with historical values of cities, their cultural landscape and heritage in public space of European city to the analysis of urban historical environments and to the design for a bus stop shelter.	GLOCAL_M1_S01 (K_GP1_U01, K_AK1_W07)
L06	The graduates can apply the scientific knowledge related with safety in public space design rules, accessibility of public space design, good practices in design, city branding to the design for a bus stop shelter	GLOCAL_M1_S02 (K_GP1_U10, K_GP1_U15, K_AK1_U04)
L07	The graduates can use engineering knowledge to shape the awareness of society, professional and ethical, and take responsibility for their activities	GLOCAL_SC01 (K_GP1_K05)
L08	The graduates can consciously apply non-technical aspects of engineering activity (cultural awareness) and consider its impact on the urban environment and on the identity of the communities living there as well as the related responsibility for the decisions taken	GLOCAL_SC02 (K_GP1_K04)
L09	The graduates can communicate effectively in a variety of intercultural contexts, reflect critically on stereotypical cultural perceptions of reality, Sustainable development in revitalization	GLOCAL_SC03 (K_AK1_U16, K_AK1_U17)

	(renovation, revaluation) of public urban areas, and thus, are able to accept cultural diversity and differing points of view	
LO10	The graduates can formulate and communicate to the public, in a commonly understood way, information and opinions concerning urban design, the integration of new elements in the historic urban context of European cities, presenting different points of view	GLOCAL_SC04 (K_AK1_U16, K_AK1_U17)
LO11	The graduates accept cultural diversity and differing points of view and reflect critically on stereotypical cultural perceptions of reality, to be able to communicate effectively ideas for team work in the intercultural context of the 3 different European countries of its members.	GLOCAL_SC05 (K_GP1_K04, K_AK1_U17)
Symbol of learning outcome	Methods of assessing the learning outcomes	Type of tuition during which the outcome is assessed
LO1	Defence of the completed project,	SW
LO2	Defence of the completed project, test	SW
LO3	Defence of the completed project	SW
LO4	Defence of the completed project	SW
LO5	Defence of the completed project	SW
LO6	Defence of the completed project	SW
LO7	Defence of the completed project	SW
LO8	Defence of the completed project	SW
LO9	Defence of the completed project	SW
LO10	Defence of the completed project	SW
LO11	Defence of the completed project	SW
Student workload (in hours)		No. of hours
Calculation	SW- Participation in the lecture and walking lectures	10
	SW- Participation in the project.	5
	Student individual work + test	10
	TOTAL:	25
Quantitative indicators		HOURS
Student workload – activities that require direct teacher participation		15
Student workload – practical activities		10
Basic references	<p>Urban public spaces: Madrid, Bialystok, Klaipeda. A guide to their functions and meaning (2022) María Aurora Flórez de la Colina Pilar Cristina Izquierdo Gracia, Dorota Gawryluk Editors, Wydawnictwo Ekonomia i Środowisko (available on: https://glocal.pb.edu.pl/en/results/)</p> <p>Future of the City (2021, 2022) Dorota Gawryluk, Dorota Anna Krawczyk Editors, Oficyna Wydawnicza Politechniki Białostockiej (available on: https://glocal.pb.edu.pl/en/results/)</p> <p>Small Glossary of Technical Terms for English–Polish–Spanish–Lithuanian Languages (2020) Dorota Gawryluk, Jurga Kucinskiene, Sausdino UAB „Vitae Litera” (available on: https://glocal.pb.edu.pl/en/results/)</p>	

	Materials accessed on www.glocal.pb.edu.pl prepared by 3 European universities: BUT, UPM, KVK	
Supplementary references		
Organisational unit conducting the course	BUT, FCEES, Department of Sustainable Construction and Building Systems	Date of issuing the programme
Author of the programme	Arch. Eng. Dorota Gawryluk, PhD, Maciej Kłopotowski, PhD, Eng. arch., Kamil Rawski, PhD, Eng. arch.	12.11.2022

L – lecture, C – classes, LC – laboratory classes, P – project, SW – specialization workshop, FW - field work,

V-virtual part , S – seminar