

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	Urban design 1							Course code	IS-FCEE-00229S
								Course type	Erasmus
Forms and number of hours of tuition	L	C	LC	P	SW	FW	S	Semester	summer
	15			30				No. of ECTS credits	3
Entry requirements	Technical and planning drawing, Basics of spatial planning, Principles of design								
Course objectives	<p>Developing the ability to carry out a multifaceted assessment of urbanized environment. Preparation of urban inventory. Acquisition by the student ability to critically evaluation of the elements of the urban structure in the context of its dynamic development.</p> <p>Presentation of the conducted analysis in the form of a multimedia presentation as well as graphic design and 3d models. The issue prepares the student to conduct scientific activity.</p>								
Course content	<p>Lecture: Principles and theories of urban design. Elements of the urban composition and urban landscape (cityscape). Factors influencing development of the cities and their centres, transformation of urban center areas, changing the importance of their role in the structure of contemporary cities. Elements of city identity, creation of the city image using architectural and urban designing. Dominants in urban space, the significance of the city silhouette, forming the views and city panoramas.</p> <p>Project: project 1) multi-faceted analysis of historical development o the chosen city, 2) multi-faceted inventory and analysis of the space of chosen housing estate</p>								
Teaching methods	Lecture: Information lecture, problem lecture; Project: design tasks, presentation								
Assessment method	Lecture: written test Project: evaluation of the design tasks, evaluation of project presentation and project defence								
Symbol of learning outcome	Learning outcomes							Reference to the learning outcomes for the field of study	
LO1	The student knows and understands the phenomena characteristic of contemporary town planning							K_GP1_W07	
LO2	The student knows, understands and characterizes the elements of urban landscape composition							K_GP1_W07, K_GP1_W08,	

L03	The student is able to indicate the factors determining the contemporary urbanized environment	K_GP1_W07	
L04	The student can notice the importance of aesthetic values of urban landscape, understands the importance of spatial order	K_GP1_W07	
L05	The student is able to prepare an urban inventory	K_GP1_U04	
L06	The student is able to evaluate and make a critical assessment of recognized space	K_GP1_U11	
L07	The student is able to find and accumulate source materials concerning defined urban issues	K_GP1_U11	
L08	The student is ready to present and argue his own conclusions from the conducted analyzes	K_GP1_K02	
Symbol of learning outcome	Methods of assessing the learning outcomes	Type of tuition during which the outcome is assessed	
L01	Written test, design (presentation , discussion)	L, P	
L02	Written test, design (presentation , discussion)	L, P	
L03	Written test, design (presentation , discussion)	L, P	
L04	Written test, design (presentation , discussion)	L, P	
L05	Design	P	
L06	Design (presentation , discussion)	P	
L07	Design (presentation , discussion)	P	
L08	presentation , discussion	P	
Student workload (in hours)		No. of hours	
Calculation	Participation in lecture	10	
	Preparation to the written test	15	
	Participation in project classes	20	
	Preparation for classes, preparation of homework	25	
	Participation in consultations	5	
		TOTAL:	75
Quantitative indicators		HOURS	No. of ECTS credits
Student workload – activities that require direct teacher participation		35	1,4
Student workload – practical activities		50	2
Basic references	<ol style="list-style-type: none"> Alexander Ch., Język wzorców. Miasta, budynki, konstrukcja, tłum.: A. Kaczanowska, K. Maliszewska, M. Trzebiatowska, Gdańskie Wydawnictwo Psychologiczne, Gdańsk 2008; Krier L., Architektura. Wybór czy przeznaczenie, tłum.: P. Chojnowski, Arkady, Warszawa 2001; Lynch K., Obraz miasta, tłum.: T. Jeleński, ARCHI VOLTA, Kraków 2011; 		

	4. Wejchert K., Elementy kompozycji urbanistycznej, Wyd. Arkady, Warszawa 1984;	
Supplementary references	1. Bielecki Cz., Gra w miasto, Fundacja DOM DOSTEPNY, Warszawa 1996; 2. Gehl J., Życie między budynkami. Użytkowanie przestrzeni publicznych, tłum. M.A. Urbańska, Wydawnictwo RAM, Kraków 2009; 3. Marshall St. (red), Urban coding and planning, Abingdon, New York 2011. 4. Sumień T., Kreacja i percepcja architektury miasta, Instytut Gospodarki Przestrzennej i Komunalnej, Warszawa 1989; 5. Szolginia W., Estetyka Miasta, Arkady, Warszawa 1981	
Organisational unit conducting the course	Department of Building Structures	Date of issuing the programme
Author of the programme	Arch. Eng. Maciej Kłopotowski, PhD Arch. Eng. Dorota Gawryluk, PhD	1.02.2022

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

S – seminar