

COURSE DESCRIPTION CARD

Bialystok University of Technology										
Field of study	ARCHITECTURE							Level and form of study	full-time first-cycle studies	
A group of module/specialty	common course							Education profile	general academic	
Course name	Urban elements							Course code	AUI 3005	
								Type of classes	obligatory	
Forms of classes	L	T	LC	P	SW	FW	S	Semester	3	
	15			60				ECTS credits	5	
Introductory courses	-									
Objectives of the course	Gaining knowledge of the basic concepts in the field of urban composition. Familiarization with the scale of urban planning and introduction to the issues of urban composition and its role in the process of urban design. Transfer of the skills of shaping urban spaces, with particular emphasis on the principles of composition.									
Programme content	Lecture: Basic elements of spatial composition. The concept of interior in urban planning. City - basic concepts. Structure of the city. Perception of urban spaces. Image of the city. Utopian urban concepts. New Urbanism. Design classes include an analysis of the composition of a selected urban complex, designs of small urban spaces. Solutions in the field of building scale, shaping the urban interior, urban and architectural details. Scale 1:500, 1:200, 1:50, 1:20.									
Teaching methods	problem-based lecture, project classes.									
Forms of crediting	Lecture: written colloquium for evaluation. Project: assessment of projects and transitional inspections (in graphic and mock-up form) as well as enclosure projects and homework assignments; portfolio.									
Outcomes symbols	Expected learning outcomes							Reference to learning outcomes defined for the field of study		
EU1	has knowledge of basic concepts in the field of urban composition, structure and image of the city.							A1_W01, A1_W02		
EU2	He knows the relations between man, architecture and the environment.							A1_W05, A1_U01		
EU3	knows the basic regulations and standards in the field of urban design.							A1_W06		
EU4	is able to design a small urban space containing buildings, greenery and selected urban devices, taking into account the principles of urban composition.							A1_U02		
EU5	is able to present an urban design in appropriate scales.							A1_U07		
EU6	is ready to respect the values of cultural heritage in the field of urban planning.							A1_K03		
Outcomes symbols	Methods of verification of learning outcomes							Form of classes subject to verification		

EU1	colloquium passing the lecture.	W	
EU2	colloquium passing the lecture.	W	
EU3	evaluation of sub-projects, discussion on the project	P	
EU4	evaluation of sub-projects, discussion on the project	P	
EU5	evaluation of sub-projects, discussion on the project	P	
EU6	Discussion on the project	P	
Student's workload balance (in hours)		Hours	
Calculation	participation in lectures.	14	
	participation in project classes.	60	
	participation in consultations related to the project.	3	
	preparation for project classes.	30	
	preparation of projects for evaluation.	10	
	preparation for the written credit of lectures.	7	
	participation in the completion of lectures	1	
TOTAL:		125	
Quantitative indicators		HOURS	ECTS
Student workload related to classes requiring direct teacher involvement		78	3,1
Student workload related to practical classes		103	4,1
Basic reference literature	<ol style="list-style-type: none"> 1. Ching F. D. K. <i>Architecture - Form, Space and Order</i>. John Wiley & Sons, Hoboken 2007. 2. Chmielewski J. M., <i>Teoria urbanistyki w projektowaniu i planowaniu miast</i>. OWPW, Warszawa 2001. 3. Kowalski K. <i>Włącznik - projektowanie bez barier</i>, Fund. Integracja 2018 (pdf). 4. Lynch K. <i>Obraz Miasta</i>, Archivolta, Kraków 2011. 5. Moughtin C. <i>Urban Design. Street and Square</i>. Architectural Press 2003. 6. Wejchert K., <i>Elementy kompozycji urbanistycznej</i>, Arkady, Warszawa 1984. 		
Supplementary references	<ol style="list-style-type: none"> 1. Alexander Ch., <i>Język wzorców</i>, GWP, Gdańsk 2008. 2. Gehl J., <i>Życie między budynkami. Użytkowanie przestrzeni publicznych</i>, Wyd. RAM, Kraków 2009. 3. Gehl J., <i>Miasta dla ludzi</i>, Wyd. RAM, Kraków 2014. 4. Holden R. <i>New landscape design</i>, Laurence King Publishing, London 2003. 5. <i>Jak przetworzyć Miejsce. Podręcznik kreowania udanych przestrzeni publicznych</i>, http://www.mck.pk.edu.pl/panel/dokumenty/PPS,%20Jak_przetworzyc_miejsce.pdf 6. Uffelen van Ch., <i>Street furniture</i>. Braun Publishing, Salenstein 2010. 7. Zimmermann A., <i>Planning landscape. Dimensions, elements, typologies</i>. Birkhauser Basel, Germany 2015. 		
Implementing unit	Department of Residential Architecture Urban Planning and Spatial Planning Studio.	Program development date	
Program developed by	dr inż. arch. Katarzyna Asanowicz	18.12.2019	