



Subject card

Subject name and code	Urban design project II, PG_00061525						
Field of study	Architecture						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2027/2028	
Education level	first-cycle studies	Subject group				Optional subject group Subject group related to scientific research in the field of study	
Mode of study	Full-time studies	Mode of delivery				at the university	
Year of study	2	Language of instruction				English	
Semester of study	4	ECTS credits				3.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Urban Design and Regional Planning -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. arch. Gabriela Rembarz					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	45.0	0.0	45
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	45		5.0		25.0	75
Subject objectives	Developing knowledge, skills and competences related to shaping a comprehensive living environment adequately to modern standards, knowledge and expectations of users.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U03] is able to prepare a graphic, written and oral presentation of your own design concepts in the field of architecture and urban planning, meeting the requirements of a professional record appropriate for architectural and urban design	is able design a simple urban complex and prepare a graphic presentation of your own design concepts in the field of urban planning, meeting the requirements of a professional record appropriate for urban design			[SU5] Assessment of ability to present the results of task		
	[K6_W02] knows and understands the rules of gathering information and their interpretation as a part of project concept preparation; issues related to architecture and urban planning in the field of simple design problems solving	knows and understands the rules of gathering information and their interpretation as a part of project concept preparation; issues related to architecture and urban planning in the field of simple design problems solving			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems in a social environment	is able to apply knowledge from social, sciences in order to solve problems in a social environment			[SU1] Assessment of task fulfilment		

Subject contents	<p>Course content – project</p> <p><i>In the twenty-first century the idea of living in a perfect place combines the need for beauty&identity of the place with the ecology. Metropolises around the world are waiting for concepts that will expose the landscape values and give life in the suburbs high quality including energy efficiency and climate neutrality. A new concepts are being discussed. Join this trend and look for solutions which merge expression of beauty with SMART technologies to feed people with creative energies.</i></p> <p><i>The design theme of "Smart Garden Suburb" has been proposed to connect knowledge from the past, signed by Garden City Movement and Bauhaus & Werkbund with contemporary planning&design tendencies identify with watchwords like new urbanism, landscape urbanism, walkability & placemaking, aging in place, 8-80 communities or 15minutes city. Design studio consists out of the four main stages:</i></p> <ul style="list-style-type: none"> • UNDERSTANDING THE SITE - <i>Analysis.the city offer</i> - <i>Analizing of the context of a site</i> • REFERENCES_ best practice examples • PROGRAMMING URBAN DESIGN TASK_ CONCEPT MAP - <i>Lifestyles and types of housing</i> - <i>Services and Social infrastructure</i> - <i>Pedestrian and wheel communication</i> - <i>Public green, culture and recreation</i> • GIVING FORM TO PROGRAM ASSUMPTIONS_ MASTERPLAN - <i>Compositional and functional core.</i> - <i>Connecting outside fitting in the neighborhood/district.</i> - <i>Leading and complementary elements of an urban composition..</i> - <i>Public space and public green systems</i> - <i>selected element of the concept.</i> 		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	midterm presentations	100.0%	50.0%
	final design	100.0%	50.0%
Recommended reading	Basic literature	<p>Barton H., Shaping Neighbourhoods: For Local Health and Global Sustainability</p> <p>Gehl J. Life Between Buildings.</p> <p>Farr D., Sustainable Urbanism: Urban Design With Nature</p>	

	Supplementary literature	Biddulph M., Introduction to Residential Layout, Gehl,J., Cities for People, Katz P. The New Urbanism. Toward an Architecture of Community. A+T ARCHITECTURE PUBLISHERS-Density series: - HoCo. Density Housing Construction & Costs - NEXT_COLLECTIVE HOUSING in progress
	eResources addresses	
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. 1. For the given number of inhabitants, design a housing complex using the principles of: <ul style="list-style-type: none"> - incorporating new structure into the context of the place, - creating a diverse living environment that allows for different lifestyles, - providing basic services within a 15-minute walking distance, - enabling a fully-fledged independent life without owning your own car 2. Show the assumptions of your concept in the form of a set of diagrams and a 3D mockup, 3. Draw the layout on a masterplan in scale of 1:1000, 4. Show reference projects along with an analysis of their compositional principles, that you used to create your own concept. 5. Present your project publicly 	
Practical activities within the subject	Not applicable	

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