



Subject card

Subject name and code	, PG_00065125						
Field of study	Spatial Development						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		5.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Urban Design And Regional Planning -> Faculty Of Architecture -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. arch. Piotr Lorens				
	Teachers		prof. dr hab. inż. arch. Piotr Lorens				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	30.0	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		0.0		0.0	45
Subject objectives	Providing the students with the basic issues associated with design of housing areas						
	Developing the knowledge, abilities and competencies associated with the urban design of the urban structures with dominating housing component						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_K03] is aware of the social role of the spatial planning engineer, understands the need to promote, formulate and communicate to the public information and opinions about activities in the profession; is prepared to act in accordance with the principles of professional ethics, while taking care to cultivate the achievements and traditions of the profession of an urban planner and planner	Student is aware of the role and responsibility of the designer towards the community for which he designs.	[SK5] Assessment of ability to solve problems that arise in practice
	[K6_U08] performs an urban project with a basic degree of complexity, in accordance with the set specification, applicable rules, legal provisions and taking into account economic factors, and prepares an outline of its implementation strategy; prepares elements of planning documentation, cooperating with industry specialists	Student creating design of the urban complex according to the assumed concept, taking into account the principles of environmental protection and rational shaping of communication systems.	[SU1] Assessment of task fulfilment
	[K6_W01] has knowledge related to theoretical and practical issues in the field of spatial management, the basics of planning and urban design and principles of local, regional and national development, and has basic knowledge about contemporary trends of development and revitalization of settlement structures and the life cycle of facilities and systems related to the functioning of settlement units	Student perceives the formation of housing complexes with references to the past and present design trends and their values and shortcomings.	[SW3] Assessment of knowledge contained in written work and projects
	[K6_W07] knows the determinants of spatial economy in the field of social and economic sciences, including socio-cultural and legal issues	Student knows the requirements set by potential users for housing complexes.	[SW3] Assessment of knowledge contained in written work and projects
	[K6_U06] properly analyses the causes and the course of the process, and the social, cultural, political, legal and economic problems affecting changes in space, including those resulting from historical circumstances; makes design decisions based on social conditions, respecting the needs of users, the cultural environment	Student recognizes the main problems and needs related to shaping the housing environment.	[SU1] Assessment of task fulfilment
Subject contents	<p>Lectures: Genesis of the contemporary interest in shaping the housing areas; Typology of the contemporary approaches towards shaping the urban areas; Basic principles associated with shaping the contemporary housing areas; Basic types and sorts of contemporary housing structures</p> <p>Seminars: Basic types of housing structures and buildings. Contemporary housing environment and factors determining its quality. Social infrastructure of the contemporary city. Primary and secondary elements of urban composition. Pedestrian and vehicle-based transportation. Key composition-functional backbones of urban structures. Urban space as the synergy of composition, land-uses and users.</p> <p>Design: Analysis of the context of the site. Defining the social, economic and composition determinants of the new housing structures. Defining the project outlines. Defining the composition and functional proposal of the new urban structure. Defining the detailed solution for the part of the designed structure.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Seminar presentation	100.0%	50.0%
	Project	100.0%	50.0%

Recommended reading	Basic literature	<p>Wejchert K. Elementy kompozycji urbanistycznej. Warszawa: Arkady. 1974. brak ISBN.</p> <p>Wejchert K. Przestrzeń wokół nas. Katowice: Fibak Noma Press. 1993. brak ISBN.</p> <p>Biddulph M., Introduction to Residential Layout, Architectural Press. 2007. ISBN 9780080468617.</p>
	Supplementary literature	<p>Peters P., Rosner R. Małe zespoły mieszkaniowe. Warszawa: Arkady. 1983. ISBN 83-213-3084-3.</p> <p>Krier L. Architektura wybór czy przeznaczenie. Warszawa: Arkady. 2001. ISBN 83-213-4208-6.</p> <p>Krier L. Architektura wspólnoty. Gdańsk: Wydawnictwo słowo/obraz terytoria. 2011. ISBN 978-83-7453-054-5.</p>
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	<p>Prepare the design of the housing settlement in the given site context.</p> <p>Describe the concept of the factory estate, social and community housing estates.</p> <p>Describe the "Radburn approach" to the design of the housing estates.</p> <p>Define basic rules of designing the housing settlements.</p> <p>Describe the basic types of the contemporary housing estates.</p>	
Work placement	Not applicable	

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