



## Subject card

Subject name and code	Theory of urbanism IV, PG_00052814						
Field of study	Architecture						
Date of commencement of studies	October 2023	Academic year of realisation of subject			2025/2026		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study 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	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department Of Urban Design And Regional Planning -> Faculty Of Architecture -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. arch. Justyna Martyniuk-Pęczek					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
	Additional information: Classes are held online.  Subject name on eLearning: Theory of urban design IV - lectures 2023/24						
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	15	1.0	9.0	25		
Subject objectives	To acquaint students with the problems of planning and designing the development of complex urban organisms, taking into account the existing conditions and potentials, tested on various scales. Transfer of knowledge related to systemic and integrated planning and urban design of multifunctional urban complexes. Transfer of knowledge about the latest challenges, requirements and trends in urban planning. Outlining the basics of spatial planning on a commune scale.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_W04] knows and understands relations between man and architecture and between architecture and the surrounding environment, and the need to adapt architecture to human needs and scale; problems of physics, technology and functions of buildings to the extent that ensures comfort of use and protection against the effects of weather; methods and means of implementing environmentally responsible sustainable design as well as protection and conservation of the surrounding environment	The student has basic knowledge of the complexity of the relationship between the environment and the development of spatial and urban development and in terms of the need to take into account environmental conditions in urban planning, as well as the need of sustainable design and environmental protection.	[SW1] Assessment of factual knowledge
	[K6_W03] knows and understands history and theory of architecture as well as art, technology and humanities to the extent necessary for the proper performance of architectural designs; issues related to architecture and urban planning useful for the design of architectural objects and urban complexes in the context of social, cultural, natural, historical, economic, legal and other non-technical conditions of engineering activities, integrating knowledge acquired during studies;	The student has a basic knowledge of the features and functional and spatial structure of the city. He knows the main conditions and principles of shaping urban structures in the spirit of sustainable development. Distinguishes contemporary phenomena, problems and trends in urban development. Has a basic knowledge of spatial planning in the city.	[SW1] Assessment of factual knowledge
Subject contents	The course covers Theory of Urban Design IV (lectures, 15 hours). As part of the lectures, students will learn about the theoretical foundations of urban planning and the challenges, problems and trends in designing complex urban structures on various scales, with the need for a systemic and interdisciplinary approach. They learn basic information about spatial planning at the commune level.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	exam	60.0%	100.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> <li>Chmielewski J. M. Teoria urbanistyki w projektowaniu i planowaniu miast, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa, 2001</li> <li>Zuziak Zbigniew, Strategie rewitalizacji przestrzeni śródmiejskiej Zakład Graficzny Politechniki Krakowskiej, Kraków, 1998</li> <li>Wejchert K. Elementy kompozycji urbanistycznej, Arkady, Warszawa, 1974</li> <li>Gehl Jan, Życie między budynkami, wyd. RAM, Kraków 2009r.</li> </ul>	
	Supplementary literature	<ul style="list-style-type: none"> <li>Ekologiczne podstawy kształtowania miejskich zespołów mieszkaniowych, pod. Red. Haliny Skibniewskiej, Wydawnictwo SGGW-AR, Warszawa, 1990</li> <li>Kształtowanie systemu przyrodniczego miasta, praca zbiorowa pod red. Barbary Szulczewskiej i Jacka Kaftana, Warszawa, 1996</li> <li>Ostrowski Waclaw Zespoły zabytkowe a urbanistyka Arkady, Warszawa, 1980</li> <li>Sumień Tadeusz Forma miasta. Kontekst i anatomia, W-wa, Wyd. IGPIK, 1992</li> <li>Sumień Tadeusz, Wegner-Sumień Anna Ekologiczne miasta, osiedla, budynki, Instytut Gospodarki Przestrzennej i Komunalnej, Warszawa, 1991</li> <li>Lorens P., 2005, Integracja i dezintegracja obszarów metropolitalnych, Urbanista, Warszawa.</li> </ul>	
	eResources addresses	Adresy na platformie eNauczanie:	

Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"><li>1. List and describe the permanent and variable elements of the city structure</li><li>2. List the types of center-generating, network, and free-site services, and give examples.</li><li>3. List the main limitations of urban development resulting from natural conditions</li><li>4. Compare the Athens Cards of 1933 and 1998 for the main differences</li></ol>
Work placement	Not applicable

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