



Subject card

Subject name and code	Theory of urbanism I, PG_00061810						
Field of study	Architecture						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
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	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		1.0		
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		prof. dr hab. inż. arch. Piotr Lorens				
	Teachers						
Lesson types	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						
	eNauczanie source address: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46642						
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 introduce students to types of urban composition, issues of morphology and urban fabric design, and the basic principles of composing and designing urban structures with respect for the context and history of the place.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U04] is able to use analytical methods to formulate and solve project tasks		They can apply the methods and tools of urban composition analysis to assess existing architectural and urban complexes and to formulate conditions for designing simple urban layouts.		[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information		
	[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;		Knows and understands the theory of architecture and urban planning useful for formulating and solving simple tasks in the field of architectural and urban design. Knows the types of urban composition, is able to recognise and analyse them using urban analysis tools according to the theories of K. Wejchert, G. Cullen and J. Żorawski. Is able to critically evaluate and analyse the composition of architectural and urban complexes based on the knowledge acquired. Is prepared to design simple urban layouts.		[SW1] Assessment of factual knowledge		

Subject contents	Course content – lecture 1. The concept and role of urban composition. Urban composition as a tool for creating a coherent, harmonious and aesthetic urban space. The objectives of urban composition. 2. Urban space as an architectural space open from above. Spatial framework of urban composition: urban walls, floors and ceilings. 3. Analysis and discussion of the composition of the Main Town in Gdańsk a lecture conducted in the field with the active participation of students. 4. Elements of architectural and urban composition according to J. Żórawski. The ladder of scales in urban composition. 5. Analysis and discussion of the composition of urban complexes in the Strzyża and Wrzeszcz districts of Gdańsk lecture conducted in the field with the active participation of students. 6. The concept of urban interior, methods of analysis, description and interpretation of urban interiors according to K. Wejchert's theory. 7. The concept of urban fabric. Its elements, types and granularity. The black-and-white plan as a tool for analysing urban fabric and its morphology. 8. Townscape. The town as a sequence of images according to G. Cullen. Analysis of urban composition and its elements using the serial vision method. 9. Elements of urban composition according to K. Wejchert. Analysis of urban space using the path and curve of impressions method. 10. The role of urban analyses in composing and designing urban structures. Analyses of urban composition and urban fabric. 11. Light, colour, materials, textures in the composition of urban space. The role of art in urban composition. 12. The concept of building density index. The relationship between building density index and the possibilities of composing an urban complex. 13. Types of urban development, their functions and their relationship with urban composition. 14. The concept of spatial order. The concepts of natural, cultural and urban landscape. Landscape, urban and architectural complexes. 15. Completion of lectures based on personal reflections recorded throughout the semester in sketchbooks.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Assesment of the written colloquium	50.0%	80.0%
	Assesment of the sketchbook and answers to the reflective questions	50.0%	20.0%
Recommended reading	Basic literature	Wejchert K., <i>Elementy kompozycji urbanistycznej</i> , all editions	
	Supplementary literature	Kostof S., <i>The City Shaped</i> , all editions Kostof S., <i>The City Assmbled</i> , all editions Żórawski J., <i>O budowie formy architektonicznej</i> , all editions	
	eResources addresses		
Example issues/ example questions/ tasks being completed	How do you perceive the role of architectural detail and small architecture in urban composition? How do you perceive the role of urban composition in shaping a beautiful and harmonious urban space? Comment on G. Cullen's theory that urban space should be designed from the perspective of a person on the move. Why is the analysis of urban composition an important element in identifying design conditions?		
Practical activites within the subject	Not applicable		

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