



Subject card

Subject name and code	Urban design I, PG_00068076						
Field of study	Spatial Development						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			4.0		
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. Roman Ruczyński					
	Teachers	dr inż. arch. Roman Ruczyński dr inż. arch. Małgorzata Kostrzewska dr inż. arch. Anna Rubczak dr inż. arch. Łukasz Bugalski					
Lesson types	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	8.0		47.0	100	
Subject objectives	The aim of the course is to familiarize students with the problems of planning the development of complex urban organisms on the example of districts or problem areas of Gdansk Agglomeration. The task is the analysis and general urban conception of a district or problem area of a large city. Students learn about the necessity of a systemic approach and cooperation with various specialists in improving the quality of urban structures, taking into account the functional and spatial, environmental, cultural and landscape conditions and the potential of urban structures, tested on various scales.						
Learning outcomes	Course outcome	Subject outcome		Method of verification			
	[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	The student is able to prepare a draft urban concept with a basic degree of complexity.		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task			
	[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	is aware of the social role of a spatial management engineer, understands the need to promote, formulate and provide the public with information and opinions regarding professional activities		[SK1] Assessment of group work skills			

Subject contents	<p>Course content – exercises</p> <p>Design exercises include:- multi-faceted analysis of the functional and spatial structure of the selected district and its connections with the surroundings- identifying the values and problems of the district- a proposal for a general concept of transforming the district supplemented by the third dimension.Exercises in the form of a seminar supplement the design exercises. During the seminar, individual groups discuss selected inspirations from the world, regarding selected problems and issues related to the project. They are to supplement / enrich the designs, referring to the latest urban planning trends.</p>		
Prerequisites and co-requisites	no		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	kompletność opracowania, wartość merytoryczna, przejrzystość, jakość graficzna	100.0%	80.0%
	zgodność z tematem, wartość merytoryczna.	100.0%	20.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> • Böhm Aleksander Planowanie przestrzenne dla architektów krajobrazu. O czynniku kompozycji, Wydawnictwo Politechniki Krakowskiej, Kraków, 2006 • Chmielewski J. M. Teoria urbanistyki w projektowaniu i planowaniu miast, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa, 2001 • Wejchert K. Elementy kompozycji urbanistycznej, Arkady, Warszawa, 1974 	
	Supplementary literature	<ul style="list-style-type: none"> • Ekologiczne podstawy kształtowania miejskich zespołów mieszkaniowych, pod. Red. Haliny Skibniewskiej, Wydawnictwo SGGW-AR, Warszawa, 1990 • Kształtowanie systemu przyrodniczego miasta, praca zbiorowa pod red. Barbary Szulczewskiej i Jacka Kaftana, Warszawa, 1996 • Ostrowski Waclaw Zespoły zabytkowe a urbanistyka Arkady, Warszawa, 1980 • Sumień Tadeusz Forma miasta. Kontekst i anatomia, W-wa, Wyd. IGPIK, 1992 • Sumień Tadeusz, Wegner-Sumień Anna Ekologiczne miasta, osiedla, budynki, Instytut Gospodarki Przestrzennej i Komunalnej, Warszawa, 1991 	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<p>Perform a land development and use analysis of chosen area</p> <p>Make a schema of connections chosen district with the city and region - A5</p> <p>Perform an analysis of the environmental system of the district</p> <p>Perform an analysis of the cultural heritage of the district</p> <p>Make a schema of vision for the development and transformation of the district - A4</p> <p>Seminars - present and discuss</p> <p>Publicly available waterfronts with various functions and ways of development</p> <p>Examples of modern transport in the city</p> <p>Reclamation of degraded areas - transformation into other functions</p> <p>Adaptation of historic post-port areas for general city public functions</p> <p>Examples of revitalization of big-scale housing estates</p>		

Practical activities within the subject	Not applicable
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