



Subject card

Subject name and code	Information Techniques in Urban Planning, PG_00068293						
Field of study	Spatial Development						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Obligatory subject group 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	1		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Housing And Architecture Of Public Buildings -> Faculty Of Architecture -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Małgorzata Rogińska-Niesłuchowska				
	Teachers		dr hab. inż. arch. Jacek Krenz				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	45.0	0.0	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		50.0	100
Subject objectives	The aim of the course is to educate students with various art techniques used for the presentation of studio studies and projects in various stages.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U07] evaluates the usefulness of standard methods and tools used in planning and management of spatial development and is able to select and apply the most appropriate ones		assesses the usefulness of standard methods and tools used in the process of planning and managing spatial development and is able to select and apply the most appropriate ones		[SU4] Assessment of ability to use methods and tools		
	[K6_U02] has the ability to abstractly understand technical problems; applies basic mathematical and simulation methods in urban design and spatial planning; uses information and communication techniques used in planning practice to present studies and design solutions related to spatial management and to conduct social discussions		Ability to use information and communication techniques used in planning practice to present studies and design solutions related to spatial management.		[SU4] Assessment of ability to use methods and tools		

Subject contents	1. The image of the city - sketches 2 Interpretation of the content of photography. 2a: Contour (ink, carbon paper)2b: Value 2c: Interpretation of the content of photographs: crayons 2d: Interpretation of the content of photographs: watercolor 2e: Interpretation of photo content: collage 3. Basics of composition. Golden ratio, rhythm, symmetry/asymmetry, triad, contrast. Dash and value 3a Composition of lines drawn by hand 3b: Monochrome composition 3c. Color composition 4: Art composition on a given topic 5. Portfolio (cover, layout)		
Prerequisites and co-requisites	-		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	portfolio	50.0%	100.0%
Recommended reading	Basic literature	Zell M.: Kurs Rysunku Architektonicznego. ABE Dom Wydawniczy 2008	
	Supplementary literature	Smith R. Tajemnice warsztatu artysty. Muza S.A, Warszawa 1994	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Presentation of tasks 1-4		
Work placement	Not applicable		

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