



Subject card

Subject name and code		Spatial Form Design - 1:1 Scale, PG_00067358						
Field of study		Architecture						
Date of commencement of studies		October 2025	Academic year of realisation of subject			2025/2026		
Education level		second-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			English		
Semester of study		2	ECTS credits			3.0		
Learning profile		general academic profile	Assessment form			assessment		
Conducting unit		Department Of Visual Arts -> Faculty Of Architecture -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)		Subject supervisor		prof. dr hab. szt. Krzysztof Wróblewski				
		Teachers		prof. dr hab. szt. Krzysztof Wróblewski mgr szt. Łukasz Ławrynowicz				
Lesson types and methods of instruction		Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
		Number of study hours	0.0	0.0	0.0	40.0	0.0	40
		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	40	5.0		30.0		75
Subject objectives		Developing of art imagination and creative potential as well as training the ability to consistently implement an architectural and artistic project.						
Learning outcomes		Course outcome		Subject outcome		Method of verification		
		[K7_W03] knows and understands the history and theory of architecture as well as art, technology and humanities to the extent necessary for the proper performance of architectural designs; advanced issues related to architecture and urban planning useful for designing architectural objects and urban complexes in the social, cultural, natural, historical, economic, legal context and other non-technical conditions of engineering activities, integrating knowledge acquired during studies		The student uses the basic principles of building an artistic composition, such as: balance, shape, form, space, light, color, movement, dynamics and expression. He/she knows the basic issues in the field of visual perception. Understands the psychological aspects of perception described, among others in character psychology. He/she knows that artistic and architectural creativity is a kind of visual thinking. Understands how an art or architectural object influences the space and influences the viewer's perception. Can skillfully select materials and react to a predetermined problem		[SW2] Assessment of knowledge contained in presentation		
		[K7_U01] is able to use the experience gained during studies to make a critical analysis of the conditions and formulate conclusions for design in a complicated, interdisciplinary context		The student knows and understands the history and theory of architecture and art as well, technology and humanities to the extent necessary for the proper execution of architectural designs.		[SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools		

Subject contents	<p>A brief description of the subject matter of the classes: The main issue of the design activities is transforming. First, a square into a flat black and white graphic composition. The next step is color composition. The final effect of the transformation process is a spatial object / form, which by definition is devoid of utilitarian functions. Detailed information: 1. Achromatic composition in the contrast of white and black with the use of organic, geometric or various forms. The starting point is a square with sides 47x47 cm. It must be divided into any number of elements. The obtained parts should be used to build a composition using the general rules of art composition. All elements obtained from dividing the square should be used in the composition. 2. Interpretation of the previous work. Converting white and black shapes to color. The use of basic methods of color combinations. Using various techniques of artistic expression. 3. Spatial form. The result of the analysis of the transformation process are works from the borderline of architecture, sculpture and applied art, free-standing forms or floating in space. The use of various techniques of shaping a three-dimensional form, traditional and computer generated. Various materials may be proposed in the implementation, such as: glass, metal, wood, stone, plaster, textiles, mixed techniques, three-dimensional printing, etc.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	100.0%	100.0%
Recommended reading	Basic literature	<p>Arnheim Rudolf, Art and Visual Perception Psychology of the Creative Eye</p> <p>Arnheim Rudolf, Visual Thinking</p> <p>Gombrich E.H., Art and Illusion</p> <p>Itten Johannes, The Art of Color</p>	
	Supplementary literature	<p>Berger John, Ways of Seeing, Berger John, About Looking</p>	
	eResources addresses	Adresy na platformie eNauczenie:	
Example issues/ example questions/ tasks being completed	<p>Black and white composition, texture, color, spatial composition. Concept, visualization, three-dimensional model.</p>		
Work placement	Not applicable		

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