GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Theory of achitectural design I. Introduction, PG_00055691						
Field of study	Architecture						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2023/2024		
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		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Residential Architecture -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr inż. arch. Marta Radziwiłowicz				
	Teachers		mgr inż. arch. Marta Radziwiłowicz				

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						

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	2.0	8.0	25

Subject objectives	Practical introduction of the student to the world of concepts related to architectural composition. Basics of architectural composition.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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 principles of theory of architecture for the proper performance of architectural designs;	[SW1] Assessment of factual knowledge
	[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 knows the basic principles of composition in a historical context and is aware of their relevance and usefulness in the architectural design process.	[SW1] Assessment of factual knowledge

Subject contents	1- Introduction - discussion of the methods and principles of conducting classes
	2- Basic concepts and definitions of architecture and composition
	3- Basic elements building form in space
	4- Mass and emptiness
	5- Transform the solids by adding
	6- Basic composition systems
	7- Reception of space in motion / directing of impressions
	8- Composition rules - axis / axis fracture
	9- Composition rules - symmetry / symmetry break
	10- Composition rules - rhythm / rhythm break
	11- Composition rules - hierarchy / accent
	12- Composition rules - reference element / background
	13- Composition rules - transformation
	14- Summary - compositional analysis of architectural objects
	15- Completing the semester, issuing grades

Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	passing the final test	60.0%	100.0%

Recommended reading	Basic literature	Francis D.K. Ching, *Architecture: form, space & order,* John Wiley & Sons, 2014
		Juliusz Żórawski, *O budowie formy architektonicznej,* Arkady, 1962
	Supplementary literature	architectural magazines like Architektura Murator, Architektura i Biznes, The Plan, Domus itp.
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	1. Basic concepts and definitions of architectural composition
	2. Symmetry in composition
	3. Rhythm in composition

Work placement	Not applicable