



## Subject card

Subject name and code	Theory of architectural design I. Introduction, PG_00053061						
Field of study	Architecture						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2020/2021		
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	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		dr hab. inż. arch. Jacek Krenz				
	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	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
	Adresy na platformie eNauczanie:						
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	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_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 and understands the relationship between man and architecture and between architecture and the surrounding environment, and the need to adapt architecture to human needs and scale; problems of the functions of buildings in terms of ensuring the comfort of their use and protection against weather conditions.		[SW3] Assessment of knowledge contained in written work and projects		
	[K6_W02] knows and understands the rules of gathering information and their interpretation as a part of project concept preparation; issues related to architecture and urban planning in the field of simple design problems solving		the student knows and understands the principles of collecting information and its interpretation as part of the preparation of the design concept; architecture issues in the field of solving simple design problems		[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation		

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	100.0%	100.0%
Recommended reading	Basic literature	Francis D.K. Ching, <i>Architecture: form, space &amp; order</i> , John Wiley & Sons, 2014	
		Juliusz Żórawski, <i>O budowie formy architektonicznej</i> , Arkady, 1962	
	Supplementary literature	architectural magazines like „Architektura – Murator”, „Architektura i Biznes”, „The Plan”, „Domus” itp.	
	eResources addresses		
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		