



## Subject card

Subject name and code	Basics of Architecture, PG_00040226						
Field of study	Civil Engineering						
Date of commencement of studies	February 2025		Academic year of realisation of subject		2024/2025		
Education level	second-cycle studies		Subject group				
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		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Geodesy -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Dominika Wróblewska				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	15.0	0.0	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		2.0		8.0	55
Subject objectives	1. Acquainting with terminology related to architecture, 2. Awareness of the need for transparent and synthetic presentation of initial, variant ideas using ideograms, working mockups and sketches, 3. To familiarize students with the problems of designing objects with a small cubic capacity and uncomplicated function in connection with the context of the environment and in relation to the human scale, and to make the relationship between the function and the building form, constructure and structure of the building aware of the colors.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_K03] can think and act creatively and enterprisingly and works for society		Is able to use knowledge creatively in shaping objects resistant to climate change.		[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_W02] knows principles of analysis, design and dimensioning of complex constructions and its elements		He knows the basics of designing residential buildings.		[SW2] Assessment of knowledge contained in presentation		
Subject contents	Basics of architectural design: composition, relations architecture - environment, relation function, form and structure, ergonomics, mobility, accessibility, legal regulations, contemporary problems and architecture resistant to climate changes and reflecting environment issues.						
Prerequisites and co-requisites	"Knowledge of basic construction and structural engineering,						
	Proficiency in English."						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	project exercises		60.0%		70.0%		
	activity on lectures		0.0%		10.0%		
	project presentation		60.0%		20.0%		
Recommended reading	Basic literature		<ul style="list-style-type: none"><li>Neufert E.: Podręcznik projektowania architektoniczno-budowlanego, Warszawa, 1992</li><li>Tomasz Malec Projektowanie architektoniczne. Wprowadzenie do zawodu architekta, Wydawnictwo Helion</li><li>Andrzej Basista Kompozycja dzieła architektury. Composition of a work of architecture, ISBN: 83-242-0696-5, 200</li><li>Unsustainable architecture, red. Kacper Pobłocki i Bogna Świątkowska, cykl Synchronizacja, Fundacja Bęc Zmiana 2016</li></ul>				

	Supplementary literature	Zukowsky John PRZEWODNIK PO ARCHITEKTURZE WSPÓŁCZESNEJ, 2016, Wydawnictwo Arkady  Industry Journals in the Reading Room of the Faculty of Architecture Library at Gdansk University of Technology.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	What is the characteristics of a building that supports the mitigation of climate change?	
Work placement	Not applicable	

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