



Subject card

Subject name and code	Construction project I, PG_00052780						
Field of study	Architecture						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	first-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	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Technical Fundamentals of Architectural Design -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Marek Szafrowski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	30
	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	30		4.0		16.0	50
Subject objectives	Development of a design and construction concept for a single-family residential building according to an architectural design						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U02] is able to design an architectural object or a simple urban complex that meets the aesthetic and technical requirements		is able to prepare architectural and construction documentation at appropriate scales in relation to the conceptual architectural design; Is able to design a building in accordance with the applicable regulations in the field of construction		[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task		
	[K6_U01] is able to use the experience gained during studies to critically analyze the conditions and formulate conclusions for design in an interdisciplinary context		is able to integrate information obtained from various sources, interpret it and critically analyze it; can use knowledge of the technical issues related to design and implementation architectural objects		[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task		
Subject contents	Course content – project • Tasks related to general construction rules for single-family houses. • Detail of the ground floor according to individual assumptions • Details of the basement floor according to individual assumptions • Roof or flat roof detail according to individual assumptions • General construction assumptions for single-family houses • Structure of the object: static diagram of the building, detailed construction solutions. • Technologies, architectural detail, detailed solutions. • Graphic design and project application.						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	execution of design tasks	100.0%	100.0%
Recommended reading	Basic literature	- Praca zbiorowa pod kier. Buczkowskiego W.: Budownictwo ogólne. - Konstrukcje budynków, t. 4. Arkady, Warszawa 2009. - Praca zbiorowa pod kier. Lichołai L...: Budownictwo ogólne. Elementy - budynków, podstawy projektowania, t. 3. Arkady, Warszawa 2010. - Poradnik Majstra Budowlanego. Warszawa, Arkady 1992, - Rozporządzenia Ministra Infrastruktury z 12.04.2002 w sprawie warunków technicznych, jakim powinny odpowiadać budynki i ich usytuowanie tj. Dz.U. 2019 poz. 1065 - Rozporządzenie Ministra Transportu, Budownictwa i Gospodarki Morskiej w sprawie szczegółowego zakresu i formy projektu budowlanego Dz.U. 2020 poz. 1609	
	Supplementary literature	- Pawłowski Paweł, Budownictwo ogólne. Warszawa, Państw. Wydaw. Nauk., 1983. - Żenczykowski Wacław, Budownictwo ogólne. Warszawa, Arkady, 1986. - Chudzikowski Mariusz [i in.], Vademecum budowlane : praca zbiorowa. Warszawa, Arkady, 1994. - Sieczkowski Józef, N. Tadeusz, Ustroje Budowlane.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	- Structure layout of the of the object. - Layers of walls and ceilings. - Construction details.		
Practical activities within the subject	Not applicable		

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