



## Subject card

Subject name and code	Construction project I, PG_00052618						
Field of study	Architecture						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2021/2022		
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	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 Architecture Design -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor		dr arch. Paola Ardizzola				
	Teachers		dr arch. Paola Ardizzola  dr inż. arch. Agnieszka Szuta  dr inż. arch. Bartosz Macikowski				
Lesson types and methods of instruction	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						
	Address on the e-learning platform: <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=8097">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=8097</a> 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	30		4.0		16.0	50
Subject objectives	Development of the conceptual and construction concept of a residential building according to the chosen design assumption						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W01] knows and understands construction problems, building and engineering issues related to building design; principles, solutions, constructions and building materials used in simple engineering tasks in the field of architectural and urban design		knows and understands construction problems, building and engineering issues related to building design; principles, solutions, constructions and building materials used in simple engineering tasks in the field of architectural and urban design		[SW3] Assessment of knowledge contained in written work and projects		
	[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		[K6_W01] knows and understands construction problems, building and engineering issues related to building design; principles, solutions, constructions and building materials used in simple engineering tasks in the field of architectural and urban design [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		[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject		

Subject contents	Exercises on general building principles for single-family houses: Ground floor detail with floor on the ground according to individual assumptions; basement floor detail according to individual assumptions; general construction principles for single-family houses; roof or ceiling detail according to individual assumptions.  Development for the object designed within the framework of the Architectural Project III, including: Structure of the object: static scheme of the building, detailed structural solutions. Technologies, architectural details, detailed solutions. Graphic arrangement and project specification.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	General Building III	100.0%	100.0%
Recommended reading	Basic literature	1. Praca zbiorowa pod kier. Buczkowskiego W.: Budownictwo ogólne. Konstrukcje budynków, t. 4. Arkady, Warszawa 2009.  2. Praca zbiorowa pod kier. Licholai L.: Budownictwo ogólne. Elementy budynków, podstawy projektowania, t. 3. Arkady, Warszawa 2010.  3. Poradnik Majstra Budowlanego. Warszawa, Arkady 1992,  4. Rozporządzenie Ministra Infrastruktury z dnia 1 kwietnia 2002 r. w sprawie warunków technicznych jakim powinny odpowiadać budynki i ich usytuowanie.  5. Rozporządzenie Ministra Infrastruktury z dnia 3 lipca 2003 r. w sprawie szczegółowego zakresu i formy projektu budowlanego	
	Supplementary literature	1. Pawłowski Paweł, Budownictwo ogólne. Warszawa, Państw. Wydaw. Nauk., 1983.  2. Żenczykowski Wacław, Budownictwo ogólne. Warszawa, Arkady, 1986.  3. Chudzik Mariusz [i in.], Vademecum budowlane : praca zbiorowa. Warszawa, Arkady, 1994.  4. Sieczkowski Józef, N. Tadeusz, Ustroje Budowlane. Wyd. Politechniki Warszawskiej, Warszawa 1991.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Construction issues III (exercises, project, lecture):  Structure layout of the object. Layers of walls and ceilings. Construction details.		
Work placement	Not applicable		