



Subject card

Subject name and code	Construction project I, PG_00052618						
Field of study	Architecture						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2023/2024		
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 Architecture Design -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor	mgr inż. Tomasz Zybala					
	Teachers	mgr inż. Tomasz Zybala					
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						
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 construction concept for a residential building in accordance with the selected design assumption						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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		the student is able to create and interpret structural elements of single-family buildings and their architectural details		[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_U02] is able to design an architectural object or a simple urban complex that meets the aesthetic and technical requirements		the student is able to create and modify system solutions for single-family housing		[SU1] Assessment of task fulfilment		
Subject contents	Exercises on general construction principles for single-family houses: Storey detailground floor with floor on the ground according to individual assumptions; detail of the basement floor according to individual assumptions; general construction assumptions for single-family houses; roof detail or flat roof according to individual assumptions. Study for the facility designed as part of Architectural Design III, including: Structure facility: static diagram of the building, detailed construction solutions. Technologies, detail architectural, detailed solutions. Graphic design and project submission.						
Prerequisites and co-requisites	knowledge of general building technology I & II and building materials						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Construction project I		60.0%		100.0%		

Recommended reading	Basic literature	<p>1. Praca zbiorowa pod kier. Buczkowskiego W.: Budownictwo ogólne. Konstrukcje budynków, t. 4. Arkady, Warszawa 2009.</p> <p>2. Praca zbiorowa pod kier. Lichołai L...: Budownictwo ogólne. Elementy budynków, podstawy projektowania, t. 3. Arkady, Warszawa 2010.</p> <p>3. Poradnik Majstra Budowlanego. Warszawa, Arkady 1992,</p> <p>4. Rozporządzenie Ministra Infrastruktury z dnia 1 kwietnia 2002 r. w sprawie warunków technicznych jakim powinny odpowiadać budynki i ich usytuowanie.</p> <p>5. Rozporządzenie Ministra Infrastruktury z dnia 3 lipca 2003 r. w sprawie szczegółowego zakresu i formy projektu budowlanego</p>
	Supplementary literature	<p>1. Pawłowski Paweł, Budownictwo ogólne. Warszawa, Państw. Wydaw.Nauk., 1983.</p> <p>2. Żenczykowski Waclaw, Budownictwo ogólne. Warszawa, Arkady, 1986.</p> <p>3. Chudzicki Mariusz [i in.], Vademecum budowlane : praca zbiorowa. Warszawa, Arkady, 1994.</p> <p>4. Sieczkowski Józef, N. Tadeusz, Ustroje Budowlane.</p>
	eResources addresses	<p>Adresy na platformie eNauczenie: Construction project I - Moodle ID: 34195 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=34195</p>
Example issues/ example questions/ tasks being completed	<p>Issues in the field of Construction III (exercises, project, lecture): Facility structure layout. Wall and ceiling layers. Construction details.</p>	
Work placement	<p>Not applicable</p>	