



## Subject card

Subject name and code	General building technology III, PG_00055708						
Field of study	Architecture						
Date of commencement of studies	October 2023	Academic year of realisation of subject			2024/2025		
Education level	first-cycle studies	Subject group			Obligatory subject group 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			1.0		
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 hab. inż. arch. Marek Wysocki					
	Teachers	dr hab. inż. arch. Marek Wysocki					
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						
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		2.0		8.0	25
Subject objectives	To learn the elements of construction and gain the knowledge to solve architectural details independently.						
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		knowledge of technical issues for single family houses (construction, construction details)		[SW1] Assessment of factual knowledge		
	[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		umiejętność opracowania elementów projektu budowlanego, w tym detali architektoniczno-budowlanych w budownictwie tradycyjnym		[SU2] Assessment of ability to analyse information		
Subject contents	Elements of wall construction, lintels, attics, tie-beams, plinths; Ceiling construction; Structures and details of flat roofs; Structures and covering of steep roofs; Water insulation of basement walls.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Colloquium in the form of a theoretical test		51.0%		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 Wacław, 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	Adresy na platformie eNauczenie:
Example issues/ example questions/ tasks being completed	<p>Structure system of the object. Layers of walls and ceilings. Building details.</p> <p>Sample questions :</p> <p>1. Differences between FERT and TERIVA type ceilings;</p> <p>2. List tensile elements in timber roof structures</p> <p>3. Connection of a floor beam of a multi-rib ceiling on a two-layer external wall - sketch and description of partitions and beam fixing elements.</p>	
Work placement	Not applicable	