



Subject card

Subject name and code	General building technology III, PG_00055708								
Field of study	Architecture								
Date of commencement of studies	October 2021	Academic year of realisation of subject		2022/2023					
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		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			
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	1. Praca zbiorowa pod kier. Buczkowskiego W.: Budownictwo ogólne. Konstrukcje budynków, t. 4. Arkady, Warszawa 2009.  2. Praca zbiorowa pod kier. Lichołaj 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. Chudzicki Mariusz [i in.], Vademecum budowlane : praca zbiorowa. Warszawa, Arkady, 1994.  4. Sieczkowski Józef, N. Tadeusz, Ustroje Budowlane
	eResources addresses	Adresy na platformie eNauczanie:
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> <ol style="list-style-type: none"> <li>1. Differences between FERT and TERIVA type ceilings;</li> <li>2. List tensile elements in timber roof structures</li> <li>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.</li> </ol>
Work placement		Not applicable