

关。GDAŃSK UNIVERSITY 创 OF TECHNOLOGY

Subject card

Subject name and code	Building Construction III, PG_00044191							
Field of study	Civil Engineering							
Date of commencement of studies	October 2021		Academic year of realisation of subject			2023/2024		
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	3		Language of instruction			Polish		
Semester of study	5		ECTS credits			1.0		
Learning profile	general academic profile		Assessment form			assessment		
Conducting unit	Department of Building Structures and Material Engineering -> Faculty of Civil and Environmental Engineering				ental			
Name and surname	Subject supervisor		dr inż. Krzysztof Drąg					
of lecturer (lecturers)	Teachers						. <u> </u>	_
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0		0.0	15
	E-learning hours inclu	ided: 0.0		-				-
Learning activity and number of study hours	Learning activity	Participation in classes includ plan	n didactic ed in study	Jidactic Participation in J in study consultation hours		Self-study SI		SUM
	Number of study hours	15		2.0		8.0		25
Subject objectives	Knowledge of the principles of design and calculation of housing and public buildings, prefabricated, skeletal and other raised industrialized methods.							
Learning outcomes	Course out	Subject outcome			Method of verification			
	[K6_U03] can analyze simple rod constructions in scope of: calculations of constructions statically determined and undetermined; determining of modal frequencies; calculations of linear stability and bearing capacity in critical and boundary states [K6_W06] knows the rules of							
	constructing and dimensioning of building elements of: steel, reinforced concrete, wood, masonry.							
	concrete (including reinforced), wood and masonry construtions and its elements							
Subject contents	System of residential and public building structures. Static calculations of walls and slab floors erected in prefab construction (framework H system), LP (large panel system) and monolith technology. Rules of construction of connections and bracing walls. Removal of drawbacks of technologies.							
Prerequisites and co-requisites	No requirements							
Assessment methods and criteria	Subject passing criteria		Passing threshold			Percentage of the final grade		
	Midterm colloquium		50.0%			100.0%		

Recommended reading	Basic literature	 Biliński T., Gaczek W.: Budownictwo systemowe. Kierunki przeobrażeń techniczno - technologicznych. PWN, Warszawa, 1988. Praca zbiorowa pod redakcją Eugeniusza Piliszka: Systemy budownictwa mieszkaniowego i ogólnego: W-70, Szczeciński, SBO, SBM-75, WUFT-T, OWT-67, WWP Arkady, Warszawa, 1974. Budynki wznoszone metodami uprzemysłowionymi. Projektowanie konstrukcji i obliczenia, Praca zbiorowa pod kier. prof.dr inż. B. Lewickiego. Arkady Warszawa 1978.
	Supplementary literature	No requirements
	eResources addresses	Adresy na platformie eNauczanie: Budownictwo Ogólne III - Moodle ID: 35192 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=35192
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	