



Subject card

Subject name and code	Theory of architectural design V. Design for all, PG_00061543						
Field of study	Architecture						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2026/2027		
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	Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	0.0	0.0	0.0	0.0	20
	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	20		1.0		4.0	25
Subject objectives	The student understands the needs and expectations of potential users regarding small public buildings. Lectures cover the relationship between function, form, structure, and technology in contemporary architecture for public buildings. The student learns about Universal Design and gains knowledge of ergonomics and the spatial requirements of people with disabilities.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W04] knows and understands relations between man and architecture and between architecture and the surrounding environment, and the need to adapt architecture to human needs and scale; problems of physics, technology and functions of buildings to the extent that ensures comfort of use and protection against the effects of weather; methods and means of implementing environmentally responsible sustainable design as well as protection and conservation of the surrounding environment		knows and understands relations between man and architecture and between architecture and the surrounding environment, and the need to adapt architecture to human needs and scale; knows and understands the principles of universal design, including the idea of designing spaces and buildings accessible to all users, in particular for people with disabilities, in architecture, urban planning and spatial planning, as well as the principles of ergonomics, including the ergonomic parameters necessary to ensure the full functionality of the designed space and facilities for all users, in particular for people with disabilities.		[SW1] Assessment of factual knowledge		
	[K6_W06] knows and understands the nature of the architect's profession and its role in society; main principles of professional presentation of architectural and urban concepts		knows and understands the nature of the architectural profession and its role in society; main principles of professional presentation of architectural and urban concepts		[SW1] Assessment of factual knowledge		

Subject contents	Course content – lecture 1(2x45min.) Introduction. Architecture of public buildings (Form follows function / Form follows fiction) 2. (2x45min.) Urban context. Developing a plot for a public building 3.(2x45min.) Comfort of use in public buildings. Public sanitary rooms 4. (2x45min.) Safe work - Occupational health and safety guidelines in architecture 5. (2x45min.) Restaurant design 6. (2x45min.) Fire safety design 7 (2x45min.) Multifunctional building in extreme environmental conditions - polar station 8. (2x45min.) Design for all 9. (2x45min.) Design for all 10 (2x45min.) Design for all		
Prerequisites and co-requisites	not applicable		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Final test grade	50.0%	100.0%
Recommended reading	Basic literature 1. Neufert E. "Handbook of architectural and construction design", Arkady, Warsaw 1991 2. Journal of Laws No. 75, 2002, Regulation of the Minister of Information of April 12, 2002 on the technical conditions to be met by buildings and their location 3. Act of July 7, 1994 Construction Law - consolidated text with amendments 4. Act of July 2019, on ensuring accessibility for people with special needs, 5. Wysocki M., Accessibility Standards CPU PG (documents adopted by Gdańsk, Gdynia and Sopot) 6. Szparkowski Z., Principles of shaping architectural space and form. OWPW, 1993		

	Supplementary literature	-Architectural magazines: Architektura i Biznes, Architecture d'Aujourd'hui, Architectural Design, Architectural Record, Architectural Review, Detail, Architecture and Urbanism, Materia - www.archidaily.com -Alexander Ch., The Language of Patterns, GWP, Gdańsk 2008 -Borysiuk S., Sanitary and hygienic principles of designing gastronomic establishments and commercial facilities (places of trade) with food products, elaboration. PZITS, Warsaw 1999 -Sim D., Benevolent City, High Castle, 2020 -Montgomery Ch., Happy City, Krakow 2015
	eResources addresses	
Example issues/ example questions/ tasks being completed	Architecture of utilities - examples of legal acts containing guidelines for designers - building, fire protection, occupational health and safety regulations. Design of gastronomic facilities: cafes, restaurants and hotel facilities. Principles of designing buildings for people with disabilities	
Practical activities within the subject	Not applicable	

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