



## Subject card

Subject name and code	Theory of architectural design II. Elements of ergonomics, PG_00055645						
Field of study	Architecture						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
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	1	Language of instruction			English		
Semester of study	2	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Housing and Architecture of Public Buildings -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	mgr inż. arch. Marta Wojtkiewicz					
	Teachers						
Lesson types	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	The aim of the course is to teach the method of creating an architectural form in a style that reflects a given topic drawn in the form of an ideogram. In order to design a proper architectural space, knowledge of technique and anthropometry is necessary. Therefore these issues will be covered in Thursday lectures. It will be useful for designing an optimal and comfortable architectural space.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_K03] is ready to take responsibility for architectural and urban values in environmental protection and cultural heritage	is ready to take into account architectural values in the protection of the environment and cultural heritage	[SK4] Assessment of communication skills, including language correctness
	[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 the need to adapt architecture to human needs and scale to ensure comfort of use and protection from atmospheric factors	[SW1] Assessment of factual knowledge
	[K6_W03] knows and understands history and theory of architecture as well as art, technology and humanities to the extent necessary for the proper performance of architectural designs; issues related to architecture and urban planning useful for the design of architectural objects and urban complexes in the context of social, cultural, natural, historical, economic, legal and other non-technical conditions of engineering activities, integrating knowledge acquired during studies;	The student knows and understands the theory of architecture and the principles of ergonomics, including the ergonomic parameters necessary to ensure the full functionality of the designed space and facilities for all users,	[SW1] Assessment of factual knowledge
Subject contents	<p>Course content – lecture</p> <p>Art Ideograms in Architecture Themes.</p> <p>The role of sketches in creating the architectural concepts.</p> <p>Sketchbooks and sketching techniques.</p> <p>Antropometry.</p> <p>Ergonomy.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	understanding the basic issues of lectures	50.0%	100.0%

Recommended reading	Basic literature	Ching D.K. Francis: <i>Architecture - Form, Space and Order</i>  Krenz J.: <i>Ideogram: From Idea to Architectural Form</i> . Covilha: Universidade da Beira Interior, 2014, ISBN 978-989-654-146-0  Ernst Neufert. ARCHITECTS' DATA
	Supplementary literature	Itten J.: <i>Sztuka barwy</i> . d2d.pl, 2020  Żórawski J.: <i>O budowie formy architektonicznej</i> . Warszawa. Arkady 1973.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Ideograms of Architecture.  Basic dimensions in the design of architectural space	
Practical activities within the subject	Not applicable	

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