GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Theory of architectural design I. Introduction, PG_00061501		
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	Polish
Semester of study	1	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

Practical introduction of the student to the world of concepts related to architectural composition. Basics of architectural composition.

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 architectural design in the implementation of simple tasks, in particular: simple objects that take into account the basic needs of users,	[SW3] Assessment of knowledge contained in written work and projects

<table>
<tr><td>Subject contents</td><td>Course content – lecture
1- Introduction - discussion of the methods and principles of conducting classes

2- Basic concepts and definitions of architecture and composition

3- Basic elements building form in space

4- Mass and emptiness

5- Transform the solids by adding

6- Basic composition systems

7- Reception of space in motion / directing of impressions

8- Composition rules - axis / axis fracture

9- Composition rules - symmetry / symmetry break

10- Composition rules - rhythm / rhythm break

11- Composition rules - hierarchy / accent

12- Composition rules - reference element / background

13- Composition rules - transformation

14- Summary - compositional analysis of architectural objects

15- Completing the semester, issuing grades</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>passing the final test</td><td>60.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>Francis D.K. Ching, Architecture: form, space & order, John Wiley & Sons, 2014

Juliusz Żórawski, O budowie formy architektonicznej, Arkady, 1962</td></tr><tr><td>Supplementary literature</td><td>architectural magazines like Architektura Murator, Architektura i Biznes, The Plan, Domus itp.</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>1. Basic concepts and definitions of architectural composition

2. Symmetry in composition

3. Rhythm in composition</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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