



## Subject card

Subject name and code	Elective project I, PG_00057060						
Field of study	Architecture						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2022/2023		
Education level	second-cycle studies	Subject group			Optional subject group 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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. arch. Anna Wanclaw					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	30
	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	30		3.0		17.0	50
Subject objectives	The aim is to broaden the intellectual horizons of students and to develop an interdisciplinary approach to issues related to architectural and urban design.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U03] is able to prepare advanced graphic, written and oral presentation of own design concepts in the field of architecture and urban planning, meeting the requirements of a professional record appropriate for architectural and urban design		is able to prepare advanced graphic, written and oral presentation of own design concepts in the field of architecture and urban planning, meeting the requirements of a professional record appropriate for architectural and urban design		[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment		
	[K7_K03] is ready to take responsibility for humanities, social, cultural, architectural and urban values in environmental protection and cultural heritage		is ready to take responsibility for humanities, social, cultural, architectural and urban values in environmental protection and cultural heritage		[SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	<p><b>Content carried out by individual groups:</b></p> <p><b>1. Cultural Heritage Routes Gdańsk Fortification System.</b> This course explores challenges, conflicts and concepts of cultural heritage preservation and protection in urban level, their connection to architectural and urban design in the time of digitalisation and their importance for a future of the cities. The aim of this course, based on the case study city of Gdańsk, is to understand the problem of cultural heritage and develop innovative solutions of architectural and urban design responding to a significant variation of rapidly changing digital era and digital tools and conditions regarding Cultural Heritage.</p> <p><b>2. Waterfront Areas in a Changing Climate Solutions for Gdańsk</b> This course explores challenges, conflicts and concepts in waterfront areas, their connection to architectural and urban design in the time of climate changes and their importance for a future of the cities. The aim of this course, based on the case study city of Gdańsk, is to understand the problem of climate change and develop innovative solutions of architectural and urban design responding to a significant variation of average weather conditions.</p> <p><b>3.</b></p> <p><b>ZEROWASTE ARCHITECTURE</b> The issues of the classes include design in the spirit of "zerowaste", i.e. maximum use of existing tissue and the use of secondary building materials. In the face of climate change, construction should face the enormity of waste generated by this sector. Minimizing the production of a new substance and maximizing the use of the existing substance in combination with high aesthetic values is a considerable architectural challenge. The classes include presentations of secondary materials and logistics solutions, discussions on the challenges of reconstruction according to zerowaste philosophy , an exercise consisting in the analysis of the selected implementation of zerowaste architecture.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Preparation and presentation of the project	100.0%	100.0%
Recommended reading	Basic literature	As suggested by the lecturer	
	Supplementary literature	As suggested by the lecturer	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		