



## Subject card

Subject name and code	Elective project I, PG_00060346						
Field of study	Architecture						
Date of commencement of studies	October 2023	Academic year of realisation of subject			2023/2024		
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	1	ECTS credits			3.0		
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	dr inż. Natalia Sokół mgr inż. arch. Bogumiła Kapica					
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	5.0		40.0	75	
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_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		
	[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			[SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task		

Subject contents	<p><b>Content carried out by individual groups:</b></p> <p><b>1. Daylight in architecture</b> Students will become familiar with the different methods of daylight assessment within the built environment. Innovative daylight design is understood as a better user-centred and energy-efficient design strategy. To do so, students will take courses provided by the e-platform NLITED. The e-platform is a new educational tool developed by the NLITED team. PG is one of the leading partners of Erasmus Project NLITED: New Level of Integrated TEchniques for Daylighting Education (Project Ref: 2020-1-IT02-KA203-079527).</p> <p><b>2. 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		