



## Subject card

Subject name and code	Elective project I, PG_00056939						
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_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			[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment	

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. A vision of new urban spaces in the areas of disintegrated post-industrial development.</b> The subject of the classes is the concept of development of the former storage areas in Gdańsk-Orunia for the needs of broadly understood municipal services. The location is in the vicinity of the programmed stop of the Pomeranian Metropolitan Railway (PKM Południe) Gdańsk Trakt Św. Wojciech.</p> <p><b>4. RAILWAY TO THE SOUTH STAGE II</b> The classes will include the development of a study on shaping the passenger railway friendly to the environment and residents. The study will be based on works created as part of the RAILWAY TO THE SOUTH STAGE I competition and will be conducted in cooperation with students from the MUG and UG research clubs.</p> <p><b>5. Old and new - close meetings.</b> The subject matter of the classes concerns the possibility of introducing newly designed structures into the historical environment. It is assumed that there is a possibility of individual design in a wide range of issues - from an architectural detail to an architectural team.</p> <p><b>6. EuroVelo.</b> The aim of the course is to develop an architectural design of the welcoming facility as an element implementing the Tourism Promotion Strategy for the EuroVelo 10/13, EuroVelo 9 / WTR International Bicycle Routes and for route No. 20 in the Pomeranian Voivodeship. Witacze are to be located at the entrances to our voivodeship and in characteristic locations along the route. Classes will be conducted in the form of design workshops with the participation of representatives of the Department of Tourism of the Marshal's Office, architects and construction industry specialists.</p> <p><b>7. Interdisciplinary approach towards environmentally friendly design.</b> Providing the proper quality of the urban environment is an important part of urban planning. The aim of the course will be to implement an interdisciplinary approach towards the examination of environmental parameters in the urban space using the environmental analysis tools (air quality, noise and microclimate measurements) and the Geographic Information System (GIS) tools for field data collection (field data applications, conducting users perception study, creating interactive maps). We will work in cooperation with the Faculty of Chemistry, Gdańsk University of Technology in order to use specialist tools and procedures to examine air quality noise levels and microclimatic conditions. We will also use latest GIS solutions and dedicated applications to map spatial barriers or users preferences regarding urban space. The data collected during field work with the use of various methods and techniques will be applied to conduct environmental, urban and architectural analysis, which will allow for a more in-depth examination of the characteristics of the existing space. It will also make it possible to formulate design solutions adopted to take better account of the local conditions shaping the quality of the urban environment.</p> <p><b>8. TELOS.</b> The aim of the course is to create a landscape, urban and architectural concept of transformations of an area with a diversified functional structure (the junction of a river, industry and residence zones), taking into account the socio-economic model of its development, in one of two possible locations: around Stuttgart (Germany) or on the Island of Stogi in Gdansk. The TELOS project brings together five European metropolitan areas: Stuttgart, Rome, Brussels, Gdańsk and Antalya. As a design area, we propose the vicinity of Stuttgart and Gdańsk. In both cases, these will be areas that require deep restructuring, located on the border of the river, industry and residential zones. Transformations in their area will therefore require an idea of architectural objects with functions and forms that give a new meaning and economic "motor" to the transformed area. At the analytical stage, we work in the formula of one Studio Arch-Urb. In the design part, we will divide into teams that will take part in the LE competitions: NOTRE Landscape Forum (related to the TELOS project) and L'Art Urbain (French architectural competition).</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