



Subject card

Subject name and code	, PG_00060395						
Field of study	Spatial Development						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2022/2023		
Education level	first-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish Polish		
Semester of study	2		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Urban Design and Regional Planning -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Anna Rubczak				
	Teachers		dr inż. arch. Anna Rubczak				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	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		0.0		0.0	15
Subject objectives	Familiarizing students with the issues of water dominance areas on the example of the Vistula Delta areas (Nowy Dwór Gdański along the Tuga River, Olszynka district in Gdańsk near the Oplyw Motława).Thanks to introductory lectures, students will understand the environmental conditions of the Vistula Delta area on scales -macro, -meso and micro.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U05] correctly interprets natural phenomena, and when formulating and solving engineering tasks related to spatial management, notices their systemic and non-technical aspects related to the natural environment		Students understand the influence of natural conditions on the processes of development in river delta. They understand the influence of historical and socio-cultural factors on regional development. They understand that water is the factor as danger of flooding and development potential in changing climate.		[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools		
	[K6_W04] has basic knowledge in the field of pro-ecological design and knows the principles of sustainable development of cities and regions; has knowledge of the natural foundations of spatial management and the impact of natural conditions on the processes of economic development on a local, regional and national scale		Students should be aware of the current state-of-the art and processes and trends of revitalization of water cultural landscape. The area of analysis is situated in the Vistula River Delta.		[SW1] Assessment of factual knowledge		

Subject contents	COURSE CONTENT: - Visiting the Żuławy Historical Park in Nowy Dwór Gdański- Familiarization with the area of water dominance, its history, values and problems. - Multifaceted analysis of the functional and spatial structure of a fragment of the city located in the water/polder space.- Determination of the values and problems of water dominance space.- A proposal for a program and vision of transformation of a fragment of the city in the face of climate change, along with a working mock-up.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	SWOT analysis	65.0%	20.0%
	program of revitalization	65.0%	50.0%
	presentation-poster	65.0%	15.0%
	paper model	65.0%	15.0%
Recommended reading	Basic literature	[1] Lipińska B., Żuławy Wiślane-ochrona i kształtowanie zabytkowego krajobrazu, Wyd. Stowarzyszenie Żuławy, Nowy Dwór Gdański, Gdańsk, Poland, 2011. [2] Szafran P., Żuławy Gdańskie w XVII wieku, Studium z dziejów społecznych i gospodarczych, Wyd. Morskie, Gdańsk, Poland, 1981, pp 17-23 [3] Cebulak K., Delta Wisły powyżej i poniżej poziomu morza, Stowarzyszenie Żuławy i Lokalna Grupa Działania Żuławy i Mierzeja, Nowy Dwór Gdański, Poland 2010	
	Supplementary literature	[1] Bertram H., La Baume, Kloeppel O., Das Weichsel-Nogat-Delta. Gdańsk: Danziger Verlagsgesellschaft m.b.H. 1924. [5] de Jong R., Kop van Zuid, Rotterdam 1999. Water and Industrial Heritage. The Reuse of Industrial and Port Structures in Cities on Water , Bruttomesso R (ed.), in Marsilio Editori, 1999, 66-71. [2] Nillesen A. Singelenberg J., Amphibious housing in the Netherlands., NAI Uitgevers/Publishers, 2011. [3] Rubczak, Gdańsk 2016. Revitalization of the Vistula Delta Waterways as the Basis of New Settlement Vista. The Reuse of Industrial and Port Structures in Cities on Water, Lorens P (ed.), in KPZK PAN no 264 2016, 81-99	
	eResources addresses	Uzupełniające Adresy na platformie eNauczanie: GP_sem.2_Przestrzenie dominacji wody-czynnik transformacji krajobrazu kulturowego - Moodle ID: 31196 https://enauzanie.pg.edu.pl/moodle/course/view.php?id=31196	
Example issues/ example questions/ tasks being completed	Sample workshop task: -on the basis of the collected materials during the on-site inspection, please specify in the form of a SWOT analysis the conditions of the selected location of the water dominance space, -after the analysis, suggest areas that require revitalization activities, -propose solutions, which should be presented in the form of a poster (architectural designs, participatory activities, changing the function of the area, etc.).		
Work placement	Not applicable		

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