GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00059113		
Field of study	Environmental Engineering		
Date of commencement of studies	October 2022	Academic year of realisation of subject	2024/2025
Education level	first-cycle studies	Subject group	Optional subject group Humanistic-social subject group Subject group related to scientific research in the field of study
Mode of study	Part-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	6	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department Of Geotechnical And Hydraulic Engineering -> Faculty Of Civil And Environmental Engineering -> Wydziały Politechniki Gdańskiej		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Wojciech Szpakowski	
	Teachers		

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	5.0	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	1.0	34.0	50

Subject objectives	Learning the legal aspects related to obtaining water permits during the work of an environmental engineering engineer - sanitary designer

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of environmental engineering and other aspects of the sanitary industry engineer's activity; is aware of the importance and understands the non-technical aspects and effects of engineering activities; makes efforts to provide such information and opinions in a widely understandable way, presenting different points of view	The student has knowledge of formulating clear and unambiguous descriptions of investment intentions due to the participation of people with different education in the proceedings.	[SK4] Assessment of communication skills, including language correctness
[K6_U16] can, when formulating and solving engineering tasks in environmental engineering, evaluate, select and apply appropriate methods and tools, recognize their non-technical aspects, including environmental, economic and legal aspects	The student has knowledge of the correct tools for obtaining data for an application for a water permit	[SU3] Assessment of ability to use knowledge gained from the subject
[K6_W13] has a structured knowledge of current legal regulations regarding environmental protection, water and construction law; knows the basics of public procurement law, patent law, intellectual property protection and labor protection	The student has knowledge of the current legal status regarding water law.	[SW1] Assessment of factual knowledge
[K6_U03] can prepare documentation regarding the implementation of an engineering task/project and prepare a text or presentation including a discussion of the results of the implementation	the student is able to obtain the necessary data to prepare an application for a water permit	[SU2] Assessment of ability to analyse information
[K6_U06] knows and applies the basic provisions of construction law, water law and environmental law	The student has knowledge of the basic administrative requirements of the investment process	[SU1] Assessment of task fulfilment

Subject contents

History of environmental protection law, the legal system in Poland, definitions in water law, legal division of water in Poland, owners and ownership rights in relation to water. Obligations towards waters; Flood risk, water management, water law approvals

Prerequisites and co-requisites

Knowledge of subjects related to the water cycle in nature: meteorology, hydrogeology, hydrology, hydraulics

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
exercise report	50.0%	50.0%
test	50.0%	50.0%

Recommended reading

Basic literature	Water Law Act of July 17, 2017 (Journal of Laws of 2024, item 1087)
Supplementary literature	Urban surface retention system in the adaptation of cities to climate change - from vision to implementation Redakcja: Gajewska MagdalenaGajewska Magdalena, Wojciechowska Ewa, Rayss Joanna, Szpakowski Wojciech, Wróblewska DominikaGdańsk 2022 wydawnictwo PG
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	Provide the owner of the specific waters in Poland Public waters - explain the concept Inland flowing waters - explain the concept difference between a pond and a artificial pond difference between a ditch and a canal shoreline - how is it determined? difference between the shoreline and the waterline give examples of water devices provide examples of common, ordinary and special uses of water What should a notification contain (water law) What should a water permit contain? Who is a party to the water permit procedure? Who issues the water permit Can a water permit be indefinite in time? Particular flood hazard zone - legal consequences
Work placement	Not applicable

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