

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Hydropower , PG_00055978								
Field of study	Power Engineering, Power Engineering, Power 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 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	3		Language of instruction			Polish			
Semester of study	6		ECTS credits		4.0				
Learning profile	general academic profile		Assessment form		assessment				
Conducting unit			_			-			
Name and surname of lecturer (lecturers)	Subject supervisor Teachers								
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	t	Seminar	SUM	
	Number of study hours	30.0	0.0	0.0	15.0		0.0	45	
	E-learning hours included: 0.0								
Learning activity and number of study hours	Learning activity	Participation in classes includ	n didactic Participation in ed in study consultation hours		Self-study		SUM		
	Number of study hours	45		6.0		49.0		100	
Subject objectives									

Learning outcomes	Course outcome	Subject outcome	Method of verification		
	[K6_W11] has knowledge of known technologies and non- technical aspects to solve simple engineering tasks in the field of energy systems and devices				
	[K6_W16] has an elementary knowledge about energy and environmental construction including building materials, their strength, construction mechanics and building physics, moisture migration in buildings, heat transfer through building partitions, has a basic knowledge of marine and inland hydrotechnical structures; has knowledge of the hydraulic and hydrological conditions of designing facilities and building structures, photogrammetry, remote sensing, hydrography, and spatial analysis.				
	[K6_U09] knows and applies the basic provisions of construction law, water law and environmental law; can determine the impact of construction investments on the environment				
	[K6_U12] can correctly choose tools (analytical or numerical) to solve engineering problems filtration processes, and data analysis; is able to use photogrammetric and remote sensing tools in engineering tasks in the field of geodetic techniques and metrology				
Subject contents					
Prerequisites and co-requisites					
Assessment methods and criteria	Subject passing criteria	Passing threshold 0.0%	Percentage of the final grade 0.0%		
Recommended reading	Basic literature				
	Supplementary literature				
	eResources addresses				
Example issues/ example questions/ tasks being completed					
Work placement	Not applicable				

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