

GDAŃSK UNIVERSITY

Subject card

Subject name and code	DEWATERING IN CI	VII ENGEENE	RING PG 000)44239					
Subject name and code	Civil Engineering								
Field of study Date of commencement of									
studies			Academic year of realisation of subject			2024/2025			
Education level	first-cycle studies		Subject group			Optional subject group			
Mode of study	Full-time studies		Mode of delivery			at the university			
Year of study	4		Language of instruction			Polish			
Semester of study	7		ECTS credits			2.0			
Learning profile	general academic profile		Assessment form			assessment			
Conducting unit	Department of Geoter Engineering	chnics, Geolog	y and Marine (Civil Engineerir	ng -> Fa	iculty of	Civil and En	vironmental	
Name and surname	Subject supervisor		prof. dr hab. inż. Adam Szymkiewicz						
of lecturer (lecturers)	Teachers	-			-				
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM	
of instruction	Number of study hours	15.0	15.0	0.0	0.0		0.0	30	
	E-learning hours inclu	ided: 0.0							
Learning activity and number of study hours	Learning activity	Participation in classes includ plan		Participation in consultation h		Self-study		SUM	
	Number of study hours	30		5.0				50	
Subject objectives	To familiarize student construction dewateri		nciples of desig	gn and operatio	on of de	waterin	g systems, w	ith focus on	
Learning outcomes	Course out	ourse outcome Subject outcome Method of ver		rification					
	[K6_W15] Has knowlege of construction law and environmetal impact of investment realisation		Students gain knowledge about the impact of dewatering systems on the surroundings and methods to minimize this impact			[SW1] Assessment of factual knowledge			
	[K6_W16] Has deeper and adequate knowlege of civil engineering, within offered specialization		Students have knowledge on design and operation of dewatering systems			[SW3] Assessment of knowledge contained in written work and projects			
	[K6_U17] has specialized skills in civil engineering within offered specialization		Students gain skills in designing dewatering systems			[SU4] Assessment of ability to use methods and tools			
Subject contents					rainage	e systems. Dewatering of			
Prerequisites	excavations. Impact of Knowledge of soil me								
and co-requisites				Joinig					
Assessment methods	Subject passing criteria		Passing threshold			Percentage of the final grade			
and criteria	completing project exercises 50.0% 100.0		100.0%	0.0%					
Recommended reading	Basic literature		E. <i>Mielcarzew</i> przemysłowyc		wadniar	nie terenów zurbanizowanych i			
			J. Sokołowski osiedlowe	Sokołowski, A. Żbikowski (1993), Odwodnienia budowlane i edlowe					
	Supplementary literat	Cashman, P. M., & Preene, M. (2020). <i>Groundwater lowering in construction: a practical guide to dewatering</i> . CRC Press.							
	eResources addresse	Adresy na platformie eNauczanie:							
Example issues/ example questions/ tasks being completed	Calculating groundwa groundwater discharg			Placing ground	water w	ells aro	und excavati	on. Calculating	

Work placement

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