



Subject card

Subject name and code	Transport infrastructure, PG_00064979						
Field of study	Transport and Logistics						
Date of commencement of studies	February 2025		Academic year of realisation of subject		2024/2025		
Education level	second-cycle studies		Subject group		Obligatory subject group in the field of study 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	1		ECTS credits		5.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Division of Hydromechanics and Ship Design -> Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Ievgen Medvediev				
	Teachers		dr inż. Ievgen Medvediev				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	30.0	0.0	60
	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	60		9.0		56.0	125
Subject objectives	is to present the concepts and definitions of transport infrastructure, current state and development prospects, area of interest, and to acquire skills in analyzing and solving infrastructure problems.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U01] utilizes acquired methods, tools and mathematical models for analysis and evaluation of transport systems and processes		-		[SU1] Assessment of task fulfilment		
	[K7_U04] creatively designs or modifies, either entirely or at least in part, a transport system or process according to a given specification, considering both technical and non-technical aspects, estimating costs and utilizing design techniques appropriate for tasks within the scope of Transport and Logistics		-		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information		
	[K7_W04] demonstrates knowledge encompassing selected issues in the field of advanced detailed knowledge, particularly in the scope of methods, techniques and tools specific to Transport and Logistics		-		[SW2] Assessment of knowledge contained in presentation		
	[K7_W01] explains and describes, based on general knowledge in the field of scientific disciplines forming the theoretical foundations of Transport and Logistics, the construction and principles of operation of transport systems, processes and their components, as well as methods and means of their integration		-		[SW2] Assessment of knowledge contained in presentation		

Subject contents	1. Transport infrastructure: definition 2. Road transport infrastructure 3. Rail transport infrastructure 4. Water transport infrastructure 5. Air transport infrastructure 6. Trans-European transport networks 7. Transport corridors 8. Customs infrastructure 9. Summary		
Prerequisites and co-requisites	-		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		50.0%	50.0%
		50.0%	50.0%
Recommended reading	Basic literature	-	
	Supplementary literature	-	
	eResources addresses	Uzupełniające Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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