



## Subject card

Subject name and code	IT Management of Transport Project, PG_00057116						
Field of study	Transport and Logistics						
Date of commencement of studies	February 2022	Academic year of realisation of subject			2022/2023		
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	2	ECTS credits			5.0		
Learning profile	general academic profile	Assessment form			exam		
Conducting unit	Faculty of Ocean Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Tacjana Niksa-Rynkiewicz				
	Teachers		dr inż. Tacjana Niksa-Rynkiewicz				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	15.0	0.0	30.0	0.0	75
	E-learning hours included: 0.0						
Informatyczne zarządzanie projektem transportowym / TiL / WIMiO / II stopnia, stacjonarne 22/23(PG_00057116) - Moodle ID: 24468 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=24468">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=24468</a>							
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	75	15.0	35.0	125		
Subject objectives	Acquiring the ability to use IT tools to create a data model and description of data in transport problems. Acquiring the ability to independently search for information on the latest solutions used in transport systems, evaluation of the development of artificial intelligence methods in transport applications. Organization of research on this knowledge, ability to analyze the results obtained.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U02] The student is able to plan and carry out research experiments in selected transport issues using various research methods				[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task		
	[K7_W04] The student has basic knowledge of IT and telecommunication systems in transport and in the area of control in transport systems				[SW3] Assessment of knowledge contained in written work and projects		
	[K7_W05] The student has extensive knowledge of law, economics and transport management				[SW2] Assessment of knowledge contained in presentation		
	[K7_W07] The student has an extensive knowledge of logistics, traffic engineering and transport management				[SW2] Assessment of knowledge contained in presentation		
	[K7_W06] The student has an extensive knowledge of transport systems and the principles of transport systems integration				[SW2] Assessment of knowledge contained in presentation		

Subject contents	Project Management (Ms Project)Creating documentation (Ms Word)Knowledge modeling and assessment criteria and determinants (Ms Excel)CSI Method (Ms Excel)A priori algorithm (Ms Excel, R)		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	the presentation	60.0%	50.0%
	implementation of tasks	60.0%	50.0%
Recommended reading	Basic literature	Knowledge of classical and intelligent methods and tools to support transport systems and the principle of integration of transport systemsDuncan W.R.: <i>A Guide to the Project Management Body of Knowledge</i> . U.S.A. Project Management Institute. 1996.PMBok 2000, <i>A Guide to the Project Management Body of Knowledge</i> , Project Managemant Institute, Newtos Square Pennsylvania 2000	
	Supplementary literature	State Transport Policy 2006-2025. Ministry of Infrastructure. Warsaw 2005.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Prepare tasks and milestones for the selected transport project in Ms Project. Prepare a spreadsheet so that you can apply the CSI method to the current results of the survey and the topic of the selected transport problem.		
Work placement	Not applicable		