



Subject card

Subject name and code	Diploma/Final Dissertation, PG_00041038						
Field of study	Transport						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group			Optional subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			20.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Railway Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	0.0	0
	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	0	30.0		470.0		500
Subject objectives	Preparing the master's thesis.						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[K7_U02] able to plan and conduct research experiments on selected transport problems using different research methods and draft scientific and technological papers in Polish and the synthesis in a foreign language		The student is able to plan and carry out measurements and computer simulations, interpret the obtained results and draw conclusions. The student is able to prepare a scientific study presenting the results of self research or calculations.				
	[K7_U01] able to independently source scientific information from the literature and other appropriate sources, make a synthesis of the information and draw conclusions, self-learn		The student is able to obtain information from literature, databases and other properly selected sources, also in English (another foreign language) in the field of transport. Student is able to interpret and evaluate the information obtained and justify opinions based on the drawn conclusions				
	[K7_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of transport engineering; is aware of the importance of and understands non-technical aspects and consequences of engineering; takes steps to communicate such information and opinions in a comprehensible manner and present different points of view		The student is able to assess the usefulness and the possibility of using new achievements (techniques and technologies) in the field transport. The student correctly identifies and resolves dilemmas associated with the profession.				
Subject contents	Presentation of the proposals of the thesis. The selection of relevant literature. Formulating hypotheses, research questions, presentation the aim of the work. The work plan. Gathering relevant data regarding the planned analysis. Presentation of the conclusions of the analysis. Editing thesis						
Prerequisites and co-requisites	no requirements						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		Diploma thesis	60.0%
Recommended reading	Basic literature	Literature selected to fit to the thesis subject.	
	Supplementary literature	no recommendation	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	no recommendation		
Work placement	Not applicable		