



Subject card

Subject name and code	Urban Logistics, PG_00062461						
Field of study	Transport						
Date of commencement of studies	February 2024		Academic year of realisation of subject		2024/2025		
Education level	second-cycle studies		Subject group				
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		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Transportation Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Justyna Staszak-Winkler				
	Teachers		dr Justyna Staszak-Winkler				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	15.0	15.0	0.0	45
	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	45		5.0		25.0	75
Subject objectives	The aim of the subject "City Logistics" is to provide students with theoretical and practical knowledge on logistics processes in the urban environment, with particular emphasis on managing cargo flows. Students will learn methods of optimizing the transport of goods in cities, tools and technologies supporting logistics management in urban areas, and will understand the challenges related to urbanization and the growing demand for supplies.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_W01] identifies in an in-depth way phenomena related to the field of study as well as theories describing them and possible methods of analyzing processes occurring in the life cycle of technical systems	The student is able to use theoretical and practical knowledge to describe and analyze phenomena.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge
	[K7_U02] presents logical and solid arguments regarding the obtained results, through analysis, synthesis of information in various technical contexts, critically approaching their interpretation	The student critically analyzes the discussed phenomena and processes.	[SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
	[K7_K02] makes competent and ethical decisions, caring for the public interest and maintaining economic, social and environmental values	The student actively participates in team work and takes responsibility for the tasks assigned to him.	[SK5] Assessment of ability to solve problems that arise in practice [SK2] Assessment of progress of work [SK1] Assessment of group work skills
	[K7_K01] recognizes the importance of knowledge related to the field of study in solving cognitive and practical problems	The student is able to identify and solve problems in the field of urban logistics based on the acquired knowledge	[SK5] Assessment of ability to solve problems that arise in practice [SK1] Assessment of group work skills [SK2] Assessment of progress of work
	[K7_U05] cooperates with other people in the implementation of team work, both as a leader and a team member, effectively achieving set goals	The student is able to carry out tasks in the field of urban logistics in a team, taking on different roles.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [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
Subject contents	The city as an economic category and logistics entity. The city's logistics system and processes affecting its functioning. Definitions of urban logistics. Functional and spatial division of urban logistics. Problems of cargo transport in cities. Planning of urban cargo transport policy. Tools for managing cargo transport. Fundamentals of urban logistics modeling. Solutions improving cargo flows. Logistics centers in cities. Consolidation of supplies. Sustainable future of transport. Sustainable urban logistics plans (SULP) and Sustainable urban mobility plans (SUMP) - guidelines, principles of implementation. Examples of good practices.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		60.0%	50.0%
		60.0%	25.0%
		60.0%	25.0%
Recommended reading	<p>Basic literature</p> <ol style="list-style-type: none"> 1. Tundys B. : Logistyka miejska. Koncepcje, systemy, rozwiązania. Wydawnictwo Difin, 2008 2. Szymczak M.: Logistyka miejska. Wydawnictwo Akademii Ekonomicznej w Poznaniu, 2008 3. Kaszubowski D.: Metoda wspomagająca wybór modelu transportu ładunków przez samorząd lokalny, Wydawnictwo Politechniki Gdańskiej, Gdańsk 2019 4. Szołtysek. J. : Podstawy logistyki miejskiej. Wydawnictwo Akademii Ekonomicznej w Katowicach, Katowice, 2007 5. Szołtysek. J.: Logistyka miasta. Polskie Wydawnictwo Ekonomiczne, Warszawa 2016 		

	Supplementary literature	industry literaturescientific articles
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Systemic approach to managing urban freight transport. Tasks of local government in managing urban freight transport. Factors determining the possibility of applying supply consolidation.	
Work placement	Not applicable	

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