



Subject card

Subject name and code	Urban Logistics, PG_00062461						
Field of study	Transport						
Date of commencement of studies	February 2025		Academic year of realisation of subject		2025/2026		
Education level	second-cycle studies		Subject group		Specialty subject group 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		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						
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_K02] makes competent and ethical decisions, caring for the public interest and maintaining economic, social and environmental values		The student actively participates in the team's work and takes responsibility for the tasks assigned to him in the field of urban logistics.		[SK2] Assessment of progress of work [SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice		
	[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 creates solutions to specific logistics problems, critically analyzes the discussed phenomena and processes in the field of urban logistics.		[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment		
	[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 in the field of urban logistics.		[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge		

Subject contents	City as an economic category and logistics entity. City 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 modelling. Solutions improving cargo flows. Logistics centres in cities. Consolidation of supplies. Sustainable future of transport. Sustainable urban logistics plans (SULP) and Sustainable Urban Mobility Plans (SUMP) - guidelines, implementation principles. Examples of good practices.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		60.0%	25.0%
		60.0%	25.0%
		60.0%	50.0%
Recommended reading	Basic literature	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. Szoltysek. J. : Podstawy logistyki miejskiej. Wydawnictwo Akademii Ekonomicznej w Katowicach, Katowice, 2007 5. Szoltysek. J.: Logistyka miasta. Polskie Wydawnictwo Ekonomiczne, Warszawa 2016	
	Supplementary literature	industry literature scientific 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 consolidation of deliveries		
Work placement	Not applicable		

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