

Subject card

Subject name and code	Transport in Logistics and Mobility, PG_00174116						
Field of study	Logistics and Mobility						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English		
Semester of study	3		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Maria Matusiewicz				
	Teachers		dr Maria Matusiewicz				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	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	15		10.0		0.0	25
Subject objectives	The aim of the course is to acquire knowledge related to the key role of transport in logistical processes.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[LMMU2_U02] can use acquired knowledge to describe and analyse the causes and course of logistics and mobility processes and systems, and can formulate his/her own opinions and critically select data and analysis methods based on the achievements of economic and social sciences	Student can utilize acquired knowledge to describe and analyze the causes and course of transport processes and systems, as well as formulate own opinions and critically select data and analysis methods based on the achievements of economic and social sciences.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[LMMU2_W08] has a knowledge of main and logistics processes occurring in enterprises and economic organisations and with related areas, as well as of processes of change in public institutions; knows methods of research on the regularities governing these changes, taking into account the influence of external stakeholders on them	The student possesses a deep understanding of the economic and financial principles governing the operations and management of transport entities and organizations providing transport services. Additionally, they are well-versed in the systems of legal, ethical, and organizational norms regulating transport activities at both national and international levels.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[LMMU2_W07] has a knowledge of economic and financial principles governing the functioning and management of economic entities and organisations, which require logistics support or provide logistics services, as well as of systems of legal, organisational, professional, moral and ethical norms and rules organising public structures and institutions, both in the national and international spheres	The student possesses in-depth knowledge of the economic and financial principles governing the operations and management of economic entities and organizations that require transport support or provide transport services. Additionally, they are well-versed in the systems of legal, organizational, professional, moral, and ethical norms regulating public structures and institutions at both national and international levels	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[LMMU2_W04] knows different types of economic and social ties and regularities governing them; has knowledge of ties between enterprises which require logistics support or provide logistics services	Student understands various types of economic and social ties and the regularities governing them; has in-depth knowledge of the relationships between businesses requiring transport support or providing transport services.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[LMMU2_U01] can creatively interpret and explain economic and social phenomena and relations between them, using acquired knowledge of economics, finance, management sciences, logistics and mobility	Oto tłumaczenie na angielski: Student can creatively interpret and explain economic and social phenomena as well as the relationships between them, utilizing acquired knowledge in economics, finance, management sciences, and logistics transport.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU4] test/exam - oral or written [SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[LMMU2_U10] has an advanced ability to prepare specialist oral presentations on logistics and mobility issues, using specialist theoretical approaches, the principles of collecting various sources of data, their description and interpretation, and drawing conclusions based on scientific literature; can prepare and conduct a debate	Student has an advanced ability to prepare specialized oral presentations on topics related to transport in logistics, using specialized theoretical approaches, principles of gathering various data sources, their description and interpretation, and drawing conclusions based on scientific literature; they are able to prepare and conduct debates.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU4] test/exam - oral or written [SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[LMMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession	Student correctly identifies, diagnoses, and resolves dilemmas and various solution variants related to the organization and management of transport processes in logistics	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK4] test/exam - oral or written [SK5] implementation of a problem task [SK8] observation of student's independent or team work

Subject contents	1. Specificity of transport, complementarity and its place in logistics processes. 2. Technical and economic attractiveness of individual modes of transport from the perspective of logistics managers. 3. Use of modes of transport in goods flow processes. 4. Transport demand of entities creating supply chains in relation to transport service providers. 5. Costs in modes of transport as a factor of logistics costs. 6. Intermodal transport in logistics chains (concept, forms, limitations). 7. Disruptions in the supply chain. 8. Sea ports as logistics centers. During the consultation, individual questions from students will be discussed, doubts will be clarified, and additional explanations regarding the content of the subject will be provided.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	own work/project presentation	51.0%	40.0%
	attendance	70.0%	40.0%
	discussion	51.0%	20.0%
Recommended reading	Basic literature	Transport Economics and Logistics / [editor in chief Dariusz Tłoczyński]. Tłoczyński, Dariusz Redakcja Wydawnictwo Uniwersytetu Gdańskiego 2018- Gdańsk : Gdańsk University Press Vol. 76 (2018)-. (multiple volumes)	
	Supplementary literature	Czasopismo "Logistics", MDPI, multiple volumes	
	eResources addresses		
Example issues/ example questions/ tasks being completed	What role does transport play in logistics? What constitutes logistics activities. Competitiveness of individual transport modes. Modern supply chain - challenges. New logistics models.		
Work placement	Not applicable		

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