

**Subject card**

<b>Subject name and code</b>	Transport in Logistics and Mobility, PG_00200450						
<b>Field of study</b>	Logistics and Mobility						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2027/2028		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			English		
<b>Semester of study</b>	3	<b>ECTS credits</b>			3.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>							
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Maria Matusiewicz				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	15.0	15.0	0.0	30.0	0.0	60
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	60		0.0		15.0	75
<b>Subject objectives</b>	The subject aims 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 possesses deep knowledge of economic and financial principles governing the operations and management of economic entities and organizations requiring logistical support or providing logistics services, as well as systems of legal, organizational, professional, moral, and ethical norms regulating public structures and institutions at both national and international levels.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [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.	[SK4] test/exam - oral or written [SK8] 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 profound knowledge of basic and logistical processes in enterprises and economic organizations, as well as at the intersection with related areas, and about the processes of change in public institutions; they know methods for studying the regularities governing these changes, considering the impact on external stakeholders.	[SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[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	Student can creatively interpret and explain economic and social phenomena and the relationships between them, utilizing acquired knowledge in economics, finance, management sciences, logistics, and mobility.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion
	[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	Student can utilize acquired knowledge to describe and analyze the causes and course of transport processes and systems, as well as formulate their own opinions and critically select data and analysis methods based on the achievements of economic and social sciences.	[SW4] test/exam - oral or written [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 has an advanced ability to prepare specialized oral presentations on logistics and mobility issues, using specialized theoretical approaches, principles of gathering various data sources, their description and interpretation, and drawing conclusions based on scientific literature; they can prepare and conduct debates.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [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	Student knows various types of economic and social bonds and the regularities governing them; they have in-depth knowledge of the connections between enterprises requiring logistical support or providing logistics services.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work

Subject contents	<ol style="list-style-type: none"> <li>1. Specificity of transport, complementarity and its place in logistics processes.</li> <li>2. Technical and economic attractiveness of individual modes of transport from the perspective of logistics managers.</li> <li>3. Use of modes of transport in goods flow processes.</li> <li>4. Transport demand of entities creating supply chains in relation to transport service providers.</li> <li>5. Costs in modes of transport as a factor of logistics costs.</li> <li>6. Intermodal transport in logistics chains (concept, forms, limitations).</li> <li>7. Disruptions in the supply chain.</li> <li>8. Sea ports as logistics centers.</li> </ol> <p>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.</p>											
Prerequisites and co-requisites												
Assessment methods and criteria	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Subject passing criteria</th> <th style="width: 30%;">Passing threshold</th> <th style="width: 30%;">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>exam</td> <td>51.0%</td> <td>80.0%</td> </tr> <tr> <td>attendance</td> <td>90.0%</td> <td>20.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	exam	51.0%	80.0%	attendance	90.0%	20.0%
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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  Basel, Switzerland : MDPI   wiele wydań  OPEN ACCESS										
	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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