University of Gdańsk

Subject card

Subject name and code	Transport in Logistics and Mobility, PG_00200450						
Field of study	Logistics and Mobility						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study 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	2		Language of instruction		English		
Semester of study	3		ECTS credits		3.0		
Learning profile	academic		Assessment form		exam		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Maria Matusiewicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	30.0	0.0	60
	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	60		0.0		15.0	75
Subject objectives	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_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 [SW2] presentation/project/paper/ report [SW5] implementation of a problem task
	[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 [SW2] presentation/project/paper/ report [SW5] implementation of a problem task
	[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_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
	[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_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

<table>
<tr><td>Subject contents</td><td>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.

Students work in teams to prepare a project based on the listed topics; the project is discussed and approved during consultations with the instructor and subsequently presented in class.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>presentation of prepared project</td><td>51.0%</td><td>40.0%</td></tr>
<tr><td>written exam</td><td>51.0%</td><td>40.0%</td></tr>
<tr><td>attendance</td><td>70.0%</td><td>20.0%</td></tr>
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<tr><td>Recommended reading</td><td><table>
<tr><td>Basic literature</td><td>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</td></tr>
<tr><td>Supplementary literature</td><td>CZASOPISMO Logistics| Basel, Switzerland : MDPI | wiele wydań

OPEN ACCESS</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
</table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>What role does transport play in logistics? What constitutes logistics activities.

Competitiveness of individual transport modes.

Modern supply chain - challenges.

New logistics models.</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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