University of Gdańsk

Subject card

Subject name and code	Economic fundamentals of the transport, forwarding and logistics business , PG_00204870						
Field of study	Economics						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Optional 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	2		Language of instruction	Polish			
Semester of study	4		ECTS credits	2.0			
Learning profile	academic		Assessment form	exam			
Conducting unit	Department of Transport Economics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Aleksandra Koźlak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	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	30		4.0		16.0	50
Subject objectives	The course aims to introduce students to the specifics of the TSL sector (transportation freight forwarding logistics) and its place in the economy.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[EKONL3_K02] is aware of the level of knowledge in the field of economics and understands the need to deepen and update this knowledge throughout life	The student is aware of their level of knowledge in transport economics and entrepreneurship within the TSL sector and understands the need to deepen and update this knowledge throughout their life continuously.	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work
[EKONL3_U03] is able to analyse the causes and course of specific economic and social processes and phenomena, and accurately analyse these phenomena using adequate methods and tools economic and social	The student is able to analyze the causes and development of specific economic and social processes and phenomena in the TSL (transport–freight forwarding–logistics) sector, and accurately assess them using appropriate economic and social methods and tools.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[EKONL3_K01] recognises the importance of economic knowledge in identifying and solving economic problems and of consulting experts when difficulties in solving them independently	The student recognizes the importance of economic knowledge in the process of identifying and solving economic problems in the TSL sector and understands the need to seek expert opinions when they cannot be resolved independently	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work
[EKONL3_U01] can correctly interpret economic and social phenomena and apply knowledge of economics, finance and management sciences to explain economic phenomena	The student can accurately interpret economic and social phenomena related to transport operations and apply knowledge of economics, finance, and management sciences to explain the economic phenomena occurring in the TSL sector.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[EKONL3_W01] has advanced knowledge of the nature of social sciences, their place in the system of sciences, knows the role of economic sciences in this system and uses universal economic terminology	The student possesses advanced knowledge of the social sciences and their place within the overall scientific system, understands the role of economic sciences in that system, and uses universal economic terminology in the fields of transportation, freight forwarding, and logistics.	[SW4] test/exam - oral or written
[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	The student knows the types of economic and social linkages in the TSL sector and the principles governing them.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report

Subject contents

1. Basic terminology related to the TSL business

2. Transport and logistics services in the national economy
3. Environmental and energy aspects of TSL operations
4. Demand for transportfreight forwardinglogistics services
5. Supply of services in the TSL sector
6. TSL service markets
7. Costs of TSL operations
8.Pricing of TSL services
9. Economic accounting in the operational and investment activities of the TSL sector
10.Innovations in the TSL sector

Any doubts regarding the issues discussed during classes can be discussed during consultations.

Prerequisites and co-requisites

Knowledge of basic economic terminology

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Test	51.0%	30.0%
In-class activities	51.0%	20.0%
Written exam, duration up to 1h	51.0%	50.0%

Recommended reading

Basic literature

1. Transport: Trends of Change, ed. K. Wojewódzka-Król, E. Załoga, PWN, Warsaw 2022

2. A. Szymonik, Transport Economics for Logistics Needs: A Modern Approach, Difin, Warszaw 2025
3. A. Koźlak, Transport Economics, University of Gdańsk Press, Gdansk 2010

	Supplementary literature	1. K. Wojewódzka-Król, R. Rolbiecki, Transport Infrastructure, PWN, Warsaw 2018. 2. M. Christopher, Logistics and Supply Chain Management, PWE, Warsaw 2021. 3. A. Koźlak, B. Pawłowska, Resource-Efficient Transport as a Paradigm of Contemporary Sector Development, Scientific Journal of the University of Gdańsk: Transport Economics and Logistics, 2017, No. 64. Available at: http://ekonom.ug.edu.pl/web/download.php?OpenFile=2355.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Descriptive examination topics (approx. 1/4 of an A4 page each): 1. The essence and types of transport 2. Characteristics of indirect transport 3. Types of charges for the use of transport infrastructure 4. Freight forwarding definition, scope of activities, benefits for users 5. Types of logistics	
Work placement	Not applicable	

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