

Subject card

Subject name and code	Economic fundamentals of TSL business - exercises, PG_00169985						
Field of study	Economics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Optional subject group		
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		1.0		
Learning profile	academic		Assessment form		credit		
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	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		5.0		5.0	25
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_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	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task
	[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.	[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task
	[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 [SW1] oral statement/conversation/discussion
	[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	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.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
	[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 [SU5] implementation of a problem task
Subject contents	[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.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task
	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
Assessment methods and criteria	Group task – identification of the competition model in partial TFL markets	51.0%	10.0%
	Test (maximum duration: 45 minutes)	51.0%	80.0%
	Participation in classroom activities	20.0%	10.0%

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, Warszawa 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	1. Intermodal transport means (choose 1 correct answer): • Transport of cargo using two vehicles within the same mode of transport • Transport of cargo using two vehicles from different modes of transport • Transport of cargo in a container using two vehicles within the same mode of transport • Transport of cargo in a container using two vehicles from different modes of transport 2. We divide transport infrastructure into: a), which includes b), which includes 3. Cash flow analysis is a compilation of (choose 1 correct answer): • components of assets and their sources of financing • fixed assets and current assets • cash outflows and inflows • sources of financing the company's operations	
Work placement	Not applicable	

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