

Subject card

Subject name and code	Economic Analysis of Transport, PG_00169856						
Field of study	Economics						
Date of commencement of studies	October 2025		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	
Mode of study	part-time studies		Mode of delivery			at the university	
Year of study	3		Language of instruction			Polish	
Semester of study	6		ECTS credits			2.0	
Learning profile	academic		Assessment form			credit	
Conducting unit	Department of Transport Policy and Economic Integration -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Ryszard Rolbiecki				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	0.0	0.0	0.0	0.0	10
	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	10		3.0		37.0	50
Subject objectives	The main objective of the course is to familiarize students with methods and tools for assessing economic processes and phenomena in transport enterprises and their socio-economic environment. The course also aims to improve the ability to interpret and critically assess economic and financial results describing the activities of transport industry enterprises.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONL3_U02] is able to use the knowledge of theory and data to analyse concrete economic and social processes and phenomena and to analyse these phenomena using methods developed in economics, finance and management sciences	The student obtains the necessary data to describe economic phenomena in transport. The student applies methods and tools to assess economic processes in a transport enterprise and its environment.	[SU4] test/exam - oral or written
	[EKONL3_U08] has the ability to observe, understand and analyse economic and social phenomena and processes using appropriate scientific methods	The student analyzes and evaluates phenomena in transport enterprises and their socio-economic environment.	[SU4] test/exam - oral or written
	[EKONL3_W07] has knowledge of the basic economic and financial principles of the functioning and management of economic entities and organisations as well as the legal, organisational, moral and ethical norms and rules governing the functioning of public institutions	The student lists the principles of economic analysis. The student lists the rules related to financing the activities of transport enterprises.	[SW4] test/exam - oral or written
	[EKONL3_U04] can predict and forecast the course of economic and social processes and phenomena	The student is able to predict the risk of deterioration of the financial condition of transport enterprises.	[SU4] test/exam - oral or written
	[EKONL3_W06] have an advanced knowledge of selected methods and tools, including statistical and econometric techniques, for describing economic agents and structures as well as social institutions and the processes taking place in them	The student knows and uses basic statistical methods in the process of evaluating transport enterprises.	[SW4] test/exam - oral or written
	[EKONL3_K04] is willing to think and act in an entrepreneurial manner; adapts to new situations and conditions, takes on the challenges of creative thinking, is resilient in the face of failure, is able to identify risks and assess the risks of failure	The student identifies threats in the activities of transport enterprises and indicates possibilities of solving identified problems.	[SK4] 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 lists arguments proving the importance of economic and financial analyses in transport.	[SK4] test/exam - oral or written
	[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	The student identifies and understands the relationships between economic categories describing the activities of the transport sector.	[SW4] test/exam - oral or written
Subject contents	1. The place of economic analysis in the decision-making system of a transport enterprise 2. Main areas of technical and economic analysis of transport 3. Methods of analyzing sales, costs and financial results of transport enterprises 4. Ratio analysis and the use of aggregate measures in assessing the financial condition of transport enterprises 5. Research on the risk of a deterioration in the financial condition of transport enterprises Any doubts arising in connection with the use of financial analysis tools will also be resolved during consultations.		

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Correctness of answers to questions asked during the written or oral test	51.0%	100.0%
Recommended reading	Basic literature	1.Higgins R.C., Koski J.L., Mitton T., (2023), Analysis for Financial Management, Published by McGraw Hill LLC, New York, https://elib.vku.udn.vn/bitstream/123456789/4253/1/2023.%20Analysis%20for%20Financial%20Manager 2. Lessambo F., (2018),Financial statements Analysis and Reporting, Cham : Springer International Publishing : Imprint: Palgrave Macmillan 3. Financial analysis and risk management data governance analytics and cycle managment (2013), editor V. Lemieux, Heidelberg: Springer	
	Supplementary literature	1. Klimek H., Rolbiecki R., (2017), Financial results of the handling and warehousing companies in polish maritime ports, in:Transport development and performance in relation to the idea of sustainable development, pt. 3, Research Journal of the University of Gdańsk. Transport Economics and Logistics, Vol. 692. 2. Rykała M., Rykała Ł. (2021), Economic Analysis of a Transport Company in the Aspect of Car Vehicle Operation, Sustainability 13(1), 427, https://www.mdpi.com/2071-1050/13/1/427 3. Rolbiecki R., Książkiewicz D., (2016), Business tendencies in transportation and logistics sector in Poland. "Logistyka", nr 3	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Methods of assessing technical and operational phenomena in transport. Directions and methods of financial analysis in transport enterprises Ability to identify the risk of bankruptcy of transport companies		
Work placement	Not applicable		

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