

Subject card

Subject name and code	Economic Analysis of Transport, PG_00169857						
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							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Elżbieta Adamowicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	10.0	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	To familiarize students with the practical possibilities of using analytical tools in the assessment of economic processes in transport companies and their socio-economic environment. The subject is also aimed at improvement ability to interpret and critically evaluate economic and financial results describing the activities of industry enterprises transport.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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 has basic knowledge of the principles and limitations related to the use of economic analysis in the process of assessing the activities of transport companies	[SW4] 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 understands the importance of knowledge in the field of analyzing transport phenomena, understands the need to supplement and verify his knowledge, understands the need to use expert opinions in solving specific economic problems	[SK1] oral statement/conversation/discussion
	[EKONL3_U04] can predict and forecast the course of economic and social processes and phenomena	The student has the ability to predict the deterioration of the economic situation of enterprises and predict changes in the transport situation	[SU4] test/exam - oral or written
	[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	the student knows the importance of economic analysis in decision-making processes in transport; the student knows the basic conditions of the economic situation in transport, highlighting macroeconomic impacts on the situation in transport; the student knows the interrelationships between technical, economic and financial processes in the activities of transport companies	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
	[EKONL3_U08] has the ability to observe, understand and analyse economic and social phenomena and processes using appropriate scientific methods	The student has the ability to understand and interpret economic and financial phenomena and processes in transport	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task
	[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 advanced methods and tools, including statistical techniques enabling the analysis of economic phenomena in transport and the economic situation of transport enterprises	[SW4] test/exam - oral or written [SW5] implementation of a problem task
	[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 has knowledge of the scope and specificity of the basic areas of technical, economic and financial analysis in transport and is able to obtain the necessary data to describe economic phenomena in transport.	[SU3] text preparation/written work [SU4] 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 has competences in identifying threats related to the deterioration of the economic situation of transport enterprises	[SK4] test/exam - oral or written [SK5] implementation of a problem task
Subject contents	1. The place of economic analysis in the decision-making system of a transport company 2. Main areas of technical and economic analysis of transport 3. Methods of analyzing sales, costs and financial results of transport companies 4. Ratio analysis and the use of aggregate measures in assessing the financial condition of transport enterprises 5. Research on the risk of deterioration of the financial condition of transport enterprises 6. The use of the economic situation test in research on the activity of enterprises in the transport industry Doubts that arise during the implementation of the subject content or problems of interpretation will be resolved during consultations.		

Prerequisites and co-requisites	Knowledge of the basic economic and financial categories of the enterprise		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	all the time	51.0%	100.0%
Recommended reading	Basic literature	1. E. Adamowicz (2017), Rola analizy ekonomicznej w procesach decyzyjnych przedsiębiorstw transportowych, W: Rozwój i funkcjonowanie transportu w świetle idei zrównoważonego rozwoju, Zeszyty Naukowe UG ETiL, Wydawnictwo UG, Gdańsk 2. W. Janik, A. Paździor, M. Paździor (2017), Analiza ekonomiczna działalności przedsiębiorstwa, Monografie - Politechnika Lubelska 3. L. Karbownik (2016), Metody oceny zagrożenia finansowego przedsiębiorstw sektora TSL, Wydawnictwo Uniwersytetu Łódzkiego	
	Supplementary literature	1. W. Rydzkowski, R. Rolbiecki (2017), Kondycja finansowa przewoźników drogowych w Polsce, w: Rozwój i funkcjonowanie transportu w świetle idei zrównoważonego rozwoju, cz. 2, Zeszyty Naukowe Uniwersytetu Gdańskiego. Ekonomia Transportu i Logistyka. nr 63. 2. H. Klimek, R. Rolbiecki (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. 69 3. R. Rolbiecki (2019), Analiza tendencji rozwoju przewozów ładunków na śródlądowych drogach wodnych w Polsce, Prace Naukowe Uniwersytetu Ekonomicznego we Wrocławiu, vol 63, nr 11. 4. R. Rolbiecki, D. Książkiewicz (2016), Business tendencies in transportation and logistics sector in Poland, "Logistyka" nr 3 5. K. R. Subramanyam (2014), Financial statement analysis, McGraw-Hill Education,	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Economic analysisRatio analysisFixed and variable costsBreakeven points		
Work placement	Not applicable		

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