



Subject card

Subject name and code	Economic Analysis, PG_00045261						
Field of study	Transport and Logistics, Transport and Logistics						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2022/2023		
Education level	first-cycle studies		Subject group				
Mode of study	Full-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	general academic profile		Assessment form		assessment		
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Anna Dembicka				
	Teachers		mgr inż. Wojciech Olszewski				
			dr Anna Dembicka				
Lesson types and methods of instruction	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		3.0		17.0	50
Subject objectives	Introducing knowledge about economic analysis in the decision-making processes of modern TSL enterprises.Realizing the importance of economic analysis of enterprises from the TFL sector.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U07] applies knowledge on humanities, social and economical science in solving problems		Taking into account the knowledge in the field of humanities, social and economic sciences, the student is able to solve specific problems. He knows the notional apparatus and the procedure for conducting economic analysis of enterprises in the TSL sector		[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K6_W07] has a general knowledge on humanities, social and economical sciences. Knows the rules of creating the forms of personal entrepreneurship and economic activity, has knowledge on the protection of intellectual property rights and industrial property rights and copyrights		The student has knowledge of the humanities and socio-economic sciences. Learned the principles of the formation and functioning of individual entrepreneurship, has knowledge of the protection of industrial and intellectual property and copyright.		[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation		

Subject contents	LECTURE: Economic analysis (financial, technical and economic). Economic analysis in the decision-making processes of modern TSL enterprises (operational, financial, investment). Functions of economic analysis (information and cognitive, control and diagnostic, planning). The essence of economic analysis of the enterprise - goals, types, methods, data sources of economic analysis (internal, external). Financial analysis - the structure of financial statements, analysis of basic financial statements (balance sheet and profit and loss account), evaluation of profitability, business efficiency, liquidity, debt, analysis and evaluation of revenues and costs. Analysis of the company's efficiency, analysis of equipment with fixed assets and their use, analysis of material supply, inventory management, material consumption, production analysis (rhythmicity, production quality, productivity, production capacity). Q (quality), C (costs), D (delivery), S (safety), M (employee morale) indicators in production process management. Analysis of employment and work efficiency, analysis of the work time economy, analysis of technical progress, analysis of sales and marketing activities.TUTORIALS: Details of the issues presented during the lecture. Project of economic analysis of a selected transport company.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	presentation	60.0%	50.0%
	final test	60.0%	50.0%
Recommended reading	Basic literature	Transport, Nowe wyzwania, red. K. Wojewódzka-Król, E. Załoga, Wydawnictwo Naukowe PWN, Warszawa 2016. N. Grzenkiewicz, J. Kowalczyk, A. Kusak, Z. Podgórski, Analiza ekonomiczna przedsiębiorstwa, Wydawnictwo Naukowe Wydziału Zarządzania Uniwersytetu Warszawskiego, Warszawa 2007. W. Janik. A. Paździor, M. Paździor, Analiza ekonomiczna działalności przedsiębiorstwa, Wydawnictwo Politechniki Lubelskiej, Lublin 2017. Z. Leszczyński, A. Skowronek-Mielczarek, Analiza ekonomiczno-finansowa firmy, Difin, Warszawa 2000.	
	Supplementary literature	Kalkulacja i rachunek kosztów. red. nauk. P. Szczypa. DeCeWu, Warszawa 2021.	
	eResources addresses	Adresy na platformie eNauczanie: Analiza ekonomiczna, (O: 10220), W, TiL, sem. 06, letni 22/23 - Moodle ID: 29099 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29099 Analiza ekonomiczna, (O: 10220), W, TiL, sem. 06, letni 22/23 - Moodle ID: 29099 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29099	
Example issues/ example questions/ tasks being completed	ratio analysis, balance sheet, cash flow statement, debt ratios, inventory analysis, cost analysis, employment analysis		
Work placement	Not applicable		