

International University of Logistics and Transport in Wrocław

Leading								
Item	Finance in logistics							
Module	0	ECTS points	2	Reference number of the study program	L/2024/SPS/S/P - L/2024/SPS/N/P			
Direction		Specialty			Academic year			
LOGISTICS		Trade and distribution logistics / Transport safety			revised syllabus			
Term		V		Year of study		III		
Form of studies		Stationary			Part-time			
Form of classes	Lecture	Exercises	Laboratories	Design	Lecture	Exercises	Laboratories	Design
Number of hours	14	14			9	9		
TOGETHER	28				18			
Objective of the course	The course aims to familiarize students with the role of finance in managing logistics processes and supply chains, and to develop skills in cost analysis, financial planning, and economic decision-making in logistics. Students acquire knowledge of financial instruments, methods for calculating logistics costs, assessing the effectiveness of logistics investments, and tools supporting financial management in logistics enterprises.							
Minimum knowledge required from the student before starting classes								
logistics and supply chain management – knowledge of basic logistics processes and warehouse and transport operations as well as inventory planning, economics and enterprise finance – basic financial concepts, accounting, financial reporting, balance sheet, income statement, cash flows, mathematics and statistics – basic arithmetic operations, percentages, cost accounting elements, ratio analysis, basics of probability,								
Recommended literature to study before starting classes								
Dawson M. 2022: EU Law and Governance, Wydawnictwo Cambridge University Pr., Cambridge								
SUBJECT-SPECIFIC LEARNING OUTCOMES (SLE)					KEU	EVALUATION METHODS		
	CODE	FORM			CODE	CODE	FORM	
KNOWLEDGE	W01	Knows the basic concepts and financial mechanisms used in logistics enterprises.			K1_W01_L_P_eng.	MO2	Written exam in the form of a closed, single-choice	
	W02	Knows methods for assessing the costs and effectiveness of logistics operations.			K1_W04_L_P_eng.	MO2	Written exam in the form of a closed, single-choice	
	W03	Knows the economic, legal and organizational conditions influencing financial decisions in logistics.			K1_W08_L_P_eng.	MO2	Written exam in the form of a closed, single-choice	
SKILLS	U01	Can analyze logistics processes using basic financial and analytical tools.			K1_U01_L_P_eng.	MO6	Written test in the form of a closed, single-choice test	
	U02	Is able to identify financial problems in logistics activities and select methods for solving them.			K1_U02_L_P_eng.	MO6	Written test in the form of a closed, single-choice	
	U03	Is able to assess the profitability and financial risk of logistics projects.			K1_U06_L_P_eng.	MO6	Written test in the form of a closed, single-choice	
SOCIAL COMPETENCES	K01	Is ready to act entrepreneurially and responsibly in planning and implementing logistics activities, taking into account financial aspects.			K1_K03_L_P_eng.	MO15	Assessment of activity during classes	
Subject content	Lecture	The role of finance in managing logistics processes, Costs and efficiency of logistics operations, Financial planning and forecasting in logistics, Financial instruments supporting the supply chain, Risk analysis and financial decision-making in logistics						
	Exercises	Analysis of transport and storage costs, Calculation of unit costs of logistics processes, Evaluation of the profitability of logistics investments, Application of spreadsheets for financial planning, Simulation of financial processes in a logistics enterprise						
	Laboratories							
	Projects							
Teaching methods	CODE	FORM						
	MD16	Exercises – solving tasks and problems						
	MD8	Project method						
Compulsory literature	1	Dastbaz M. 2015: Green Information Technology: A Sustainable Approach, Elsevier LTD, Oxford						
	2	Frakt. 2020: How Economics Works, Wydawnictwo Dorling Kindersley Limited, Londyn						

	3	Christopner M. 2023. Logistics and Supply Chain Management, wydawnictwo Financial Times Prent. Londyn
Additional literature	1	Randal E. 2020. Computer Systems: A Programmer's Perspective 3/ed, Wydawnictwo Gamet Publishing, Londyn
	2	Helmold M, Yilmaz A, Dathe T, Flouris T. 2022. Supply Chain Risk Management: Cases and Industry Insights, Wydawnictwo Springe,m Warszawa

Conditions for passing the course

The condition for passing the course is passing the tutorials and, based on this, taking the written exam. The condition for passing the tutorials is passing the tests – the control papers and projects. The final grade is composed of the grade for the tutorials (60%) and the grade for the exam (40%), with passing grades for both the tutorials and the exam required. Passing the exam requires 75% correct answers.