

International University of Logistics and Transport in Wrocław

Leading									
Item	Logistics centers								
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		Supply Chain Information Systems / Transport Safety			updated syllabus				
Term		VI		Year of study		IV			
Form of studies		Stationary			Part-time				
Form of classes		Lecture	Exercises	Laboratories	Design	Lecture	Exercises	Laboratories	Design
Number of hours		8	14			9	9		
TOGETHER		22			27				
Objective of the course		The aim of the course is to familiarize students with the nature, organization and functioning of logistics centers and their place in logistics processes.							
Minimum knowledge required from the student before starting classes									
Knowledge of the basics of logistics and logistics systems									
Recommended literature to study before starting classes									
No separate literature is provided before the start of classes.									
SUBJECT-SPECIFIC LEARNING OUTCOMES (SLE)						KEU		EVALUATION METHODS	
	CODE	FORM				CODE	CODE	FORM	
KNOWLEDGE	W01	Possesses knowledge of key areas of logistics. Knows and understands the mechanisms of supply, production, and distribution processes, as well as the management of logistics chains. Demonstrates understanding of the nature, classification, and functions of logistics centers.				K1_W06_L_P	MO 02 and 03	Written exam in the form of a closed single- and multiple-choice test	
	W02	Possesses basic knowledge of the technical, economic, legal, and environmental aspects of logistics processes. Understands the role of logistics centers in supply chains and intermodal transport.				K1_W04_L_P			
	W03	Has knowledge of the functioning of international logistics networks, with particular emphasis on the role of logistics and distribution centers, as well as knowledge of the structural changes taking place in the international transport and logistics market and their consequences.				K1_W10_L_P			
SKILLS	U01	Able to correctly identify and interpret phenomena and processes within a logistics enterprise and its immediate and distant environment. Able to forecast the practical consequences of specific logistics and management activities and make appropriate decisions related to their				K1_U05_L_P	MO 13 MO 16	Passing of papers, semester papers, etc. Assessment of work in classes (obs., checks, acquired computer science, social studies).	
	U02	Is able to identify problems in the functioning of the enterprise and proposes methods and tools appropriate to solve them as well as a specific variant of the problem solution.				K1_U11_L_P			
	U03	Is able to prepare a written study on the solution of a specific simulation, computational or analytical-deductive problem in the field of supply, production and distribution logistics and present its results orally.				K1_U12_L_P			
SOCIAL COMPETENCES	K01	Is ready to continuously supplement and update knowledge in the field of logistics, especially in the field of specialization studied, and is ready to share it.				K1_K04_L_P	MO 16	Assessment of work in classes (obs. check, acquired social	
	Lecture	1. Definitions of logistics center and warehouse center. 2. The nature, origins, and concepts of logistics centers in Europe. 3. Functional factors and functions of logistics centers. 4. Classifications of logistics centers. 5. Tasks and effects of logistics center operations. Relationships between logistics infrastructure facilities and the functions they perform. 6. The role of logistics centers in the supply chain. 7. Location of logistics centers in Poland – plans and solutions. 7. Location and operations of the largest logistics centers in Europe and the world.							
		During the exercises, students develop case studies characterizing one selected logistics center anywhere in the world. The presentation is presented according to a pre-defined template, containing the following information: Introduction, basic information about the logistics center (location with a map, area), a brief history of the center's creation, financing sources,							

Subject content	Exercises	infrastructure and equipment, modes of transport available at the center, activities and functions performed at the center (logistics, support, additional), the center's scope of influence, the center's development prospects, a summary, and sources of information. The developed cases are then presented in class. Each presentation is followed by a short discussion on the substantive and formal quality of the study, during which the activity of individual students is assessed. The presentations are then graded.
	Laboratories	
	Projects	

Teaching methods	CODE	FORM
	MD2	Informative lecture using multimedia techniques
	MD 10	Case method

Compulsory literature	1	Christopher M. 2023: Logistics and Supply Chain Management, Wydawnictwo Financial Times Prent. Londyn
	2	Brauneis. F 2024: Intellectual Property Protection of Fact based Works Copyright and Its Alternatives, Wydawnictwo Edward Elgar Publishing Ltd, Londyn
	3	Frakt. 2020: How Economics Works, Wydawnictwo Dorling Kindersley Limited, Londyn
	4	Zieger S. 2025: Logistics and Power: Supply Chains from Slavery to Space, Wydawnictwo

Additional literature	1	Dastbaz M. 2015: Green Information Technology: A Sustainable Approach, Elsevier LTD, Oxford
	2	Dawson M. 2022: EU Law and Governance, Wydawnictwo Cambridge University Pr., Cambridge

Conditions for passing the course	
Lecture 40% of the final grade, Exercises - 60% of the final grade	