

International University of Logistics and Transport in Wrocław

Leading Item	Logistics chain management							
Module	W	ECTS points	5	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 / Security			updated syllabus			
Term		IV		Year of study		II		
Form of studies		Stationary			Part-time			
Form of classes	Lecture	Exercises	Laboratories	Design	Lecture	Exercises	Laboratories	Design
Number of hours	30	20	10		15	15	9	
TOGETHER	60				39			
Objective of the course	The aim of the LOGISTICS CHAIN MANAGEMENT course is to provide students with knowledge about the nature and structure of the logistics chain and the principles of its operation, including the role of participants, flow streams, supply strategies and supply chain configuration, as well as to develop the ability to understand the processes of supply and demand integration and the importance of information systems in logistics chain management.							
Minimum knowledge required from the student before starting classes								
Knowledge of the basics of management and logistics.								
Recommended literature to study before starting classes								
Howe H. 2013: Concepts of Property in Intellectual Property Law, Wydawnictwo Cambridge University Press, Cambridge								
SUBJECT-SPECIFIC LEARNING OUTCOMES (SLE)					KEU	EVALUATION METHODS		
	CODE	FORM			CODE	CODE	FORM	
KNOWLEDGE	W01	The student knows the structure and basic elements of the logistics chain and understands the importance of flows of goods, information and cash.			K1_W04_L_P	MO2	Written exam in the form of a closed, single-choice test	
	W02	The student knows the mechanisms of supply chain management, including procurement strategies, forms of cooperation with suppliers and methods of integrating supply and demand in a network approach.			K1_W06_L_P	MO2	Written exam in the form of a closed, single-choice test	
	W03	Possesses knowledge of the functioning of logistics processes, the conditions for their implementation in the market and the role of information systems and EDI in ensuring supply			K1_W09_L_P	MO2	Written exam in the form of a closed, single-choice test	
SKILLS	U01	Analyzes processes and phenomena in supply chains, identifies the roles of participants.			K1_U03_L_P	MO9	Written test in the form of practical tasks	
	U02	Solves logistical problems, taking into account economic, legal and social aspects.			K1_U05_L_P	MO9	Written test in the form of practical tasks	
	U03	Uses logistics tools and methods as well as modern technologies in supply chain management			K1_U11_L_P	MO9	Written test in the form of practical tasks	
SOCIAL COMPETENCES	K01	Is ready to correctly identify and solve problems in logistics chain management, while maintaining professionalism and professional ethics			K1_K02_L_P	MO15	Assessment of activity during classes	
Subject content	Lecture	Logistics chain - essence, Key elements and participants of the supply chain, The essence and objectives of logistics chain management, Characteristics of a well-functioning supply chain, Flow streams in the supply chain (goods, information, money, property rights), Supply chain sourcing and configuration strategies, Dual sourcing and other forms of cooperation with suppliers, Network approach to the supply chain, Integration of supply and demand in the supply chain, The role of information systems and EDI in logistics chain management.						
	Exercises	Analysis of the logistics chain and its participants, Mapping of flow streams in the supply chain, Assessment of supply chain efficiency, Supply chain sourcing and configuration strategies, Dual sourcing and cooperation with suppliers, Integration of supply and demand in the supply chain, The role of information systems and EDI in logistics chain management						
	Laboratories	Logistics chain - design using IT solutions						
Teaching methods	CODE	FORM						
	MD2	Informative lecture using multimedia techniques						

Teaching methods	MD15	Laboratory exercises – simulation analyses (computational, computer simulations)
	MD16	Exercises – solving tasks and problems
Compulsory literature	1	Dawson M. 2022: EU Law and Governance, Wydawnictwo Cambridge University Pr., Cambridge
	2	Christopher M. 2023: Logistics and Supply Chain Management, Wydawnictwo Financial Times Prent.
	3	Zieger S. 2025: Logistics and Power: Supply Chains from Slavery to Space, Wydawnictwo University of
Additional literature	1	Ramya A. 2023: Fundamentals of Information Technology, Wydawnictwo MJP, Londyn

Conditions for passing the course

The course is graded as a whole (Exam) – with a single grade taking into account all coursework. The requirement for admission to the lecture exam (a written exam in the form of a closed, single-choice test) is passing the tutorials and laboratory. The final grade is calculated as follows: lecture (W): 30% of the final grade + tutorials (C): 40% of the final grade + laboratory (L): 30% of the final grade.