

Subject card

Subject name and code	Warehousing Management - lecture, PG_00174048						
Field of study	Logistics and Mobility						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English		
Semester of study	4		ECTS credits		2.0		
Learning profile	academic		Assessment form				
Conducting unit	Department of Logistics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Patryk Wierzbowski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		5.0		30.0	50
Subject objectives	Familiarizing students with the principles of warehouse space management, inventory classification and handling, as well as technologies and IT systems used in warehouses.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[LML3_K03] participates in the preparation of logistics and mobility projects, being able to reconcile legal, economic, ecological, political and social requirements	The student is able to analyze and evaluate economic processes, taking into account complex legal, economic, environmental, political, and social conditions. The student discusses the project/doubts/tasks etc. during consultation with the lecturer.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
	[LML3_U04] is able to predict the course of logistics and mobility processes and systems	The student is able to identify and analyze economic and social processes and phenomena, and to formulate forecasts regarding their future development using appropriate methods.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
	[LML3_W08] has knowledge of the main and logistics processes in companies, as well as the changes in these processes, knows what their causes, course, scale, consequences are and what is the impact of external stakeholders on them	The student has in-depth knowledge of organizational change processes and is able to identify their causes and potential consequences.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion
	[LML3_W02] has advanced knowledge of different types of entities that require logistics support or provide logistics services	The student has in-depth knowledge of different types of organizations, their structures, functions, and interrelations within the socio-economic system.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion
	[LML3_W07] has knowledge of the basic economic and financial principles of operation and management of business entities and organizations that require logistics support or provide logistics services, as well as legal, organizational, moral and ethical norms and rules of operation of public institutions	The student knows and understands fundamental economic, financial, and managerial principles related to the functioning of business entities and organizations that require logistical support or provide logistics services. The student is also familiar with legal standards, organizational rules, as well as moral and ethical norms governing the operations of public institutions.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion
Subject contents	1. Fundamentals of warehousing (warehouse definition, types of warehouses, functions, warehouse economy infrastructure) 2. Warehouse location issues 3. Contemporary challenges in warehouse management 4. Inventory theory (classification, management methods) 5. IT solutions in warehouse management 6. Demand forecasting		
Prerequisites and co-requisites	Knowledge of fundamental concepts in microeconomics, macroeconomics, and logistics.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Assessment test	51.0%	100.0%
	Participation in discussions and active engagement	0.0%	0.0%
Recommended reading	Basic literature	1. Bartholdi, J. J., & Hackman, S. T. (br.). <i>Warehouse & distribution science</i> (Version 0.96). Georgia Institute of Technology. Atlanta 2014. 2. Rossi R., <i>Inventory Analytics</i>. Cambridge. Open Book Publishers. UK 2021. 3. Emmett, S. (2005). <i>Excellence in Warehouse Management: How to Minimise Costs and Maximise Value</i>. John Wiley & Sons. London 2005.	

	Supplementary literature	1. Bolten, Ernst F. Managing Time and Space in the Modern Warehouse: With Ready-to-Use Forms, Checklist & Documentation. AMACOM, 1997.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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