

Subject card

Subject name and code	Warehousing Management - class, PG_00174047						
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	0.0	15.0	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_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions, takes on the challenges of creative thinking, is resilient to failure, knows how to identify threats and assess the risk of their occurrence	The student can identify, analyze, and evaluate potential threats and risks associated with implementing business ventures as well as organizational and technological innovations. The student independently makes decisions under conditions of uncertainty, demonstrating flexibility and adaptability to dynamically changing business environments. The student effectively applies creative problem-solving methods and undertakes entrepreneurial initiatives, exhibiting resilience in response to failures and challenges typical for the fields of logistics, economics, and management.	[SK2] presentation/project/paper/report [SK8] observation of student's independent or team work
	[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.	[SK2] presentation/project/paper/report [SK8] observation of student's independent or team work
	[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.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[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.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[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 changes occurring in organizations and is able to indicate their causes and possible effects. The student discusses the project/doubts/tasks, etc. during consultations with the instructor.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
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
	Active participation in classes	0.0%	0.0%
	Group project	51.0%	100.0%
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	1. Solving problem-based tasks in the field of warehousing and inventory management. 2. Making inventory-related decisions using MS Excel. 3. Making warehouse location decisions using MS Excel	
Work placement	Not applicable	

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