University of Gdańsk

Subject card

Subject name and code	Warehousing Management , PG_00200408						
Field of study	Logistics and Mobility						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
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	4.0			
Learning profile	academic		Assessment form	credit			
Conducting unit	Department of Logistics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Beata Chmiel				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	15.0	0.0	45
	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	45		0.0	55.0	100	
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_W07] has knowledge of the 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
[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 [SK2] presentation/project/paper/ report [SK4] test/exam - oral or written
[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, which they can apply in the projects they carry out as part of their classes.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[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

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 (case studies and problem-based tasks).
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
Final exam	51.0%	60.0%
Participation in discussions	51.0%	20.0%
Project	51.0%	20.0%

Recommended reading

Basic literature

1. Bartholdi, J. J., & Hackman, S. T. (br.).: Warehouse & distribution science (Version 0.96). Georgia Institute of Technology. Atlanta 2014.
2. Rossi R.: Inventory Analytics. Cambridge. Open Book Publishers. UK 2021.
3. Emmett, S.: (2005). Excellence in Warehouse Management: How to Minimise Costs and Maximise Value. John Wiley & Sons. London 2005.

Supplementary literature

1. Bolten, E. F.: Managing Time and Space in the Modern Warehouse: With Ready-to-Use Forms, Checklist & Documentation. AMACOM, 1997.

eResources addresses

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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