University of Gdańsk

Subject card

Subject name and code	Warehouse management , PG_00200483						
Field of study	Economics						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2028/2029		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Optional subject group 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	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		4.0		
Learning profile	academic		Assessment form		exam		
Conducting unit							
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	30.0	0.0	15.0	0.0	60
	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	60		0.0		40.0	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
[EKONL3_U03] is able to analyse the causes and course of specific economic and social processes and phenomena, and accurately analyse these phenomena using adequate methods and tools economic and social	The student is able to analyze the causes and course of economic and social processes and phenomena, and to accurately evaluate them using appropriate methods, as part of the project, prepared during class and in consultation with the instructor.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[EKONL3_U07] is able to participate in analyses and evaluations of alternative solutions to economic and social problems and to choose the methods and instruments to resolve them rationally	The student is able to analyze and evaluate alternative solutions to economic and social problems and to select appropriate methods and tools that allow for their rational resolution.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
[EKONL3_U04] can predict and forecast the course of economic and social processes and phenomena	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
[EKONL3_W02] has an advanced knowledge of the different types of existing business entities and organisations and public institutions	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
[EKONL3_U13] be able to interact and work in a group (including an international one), assuming various roles within it	The student is able to work in a team, assuming various roles, including leadership roles.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
[EKONL3_W03] knows the relations between economic agents and social organisations operating in the national, international and intercultural arenas	The student has in-depth knowledge of economic processes.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
[EKONL3_K03] participates in the preparation of economic and social 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, and use that knowledge to prepare the project.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK4] test/exam - oral or written
[EKONL3_W08] has an advanced knowledge of the processes of changing elements, enterprises and whole structures of economic organisations, as well as the processes of changing social institutions, knows what their causes, course, scale, consequences are and what the influence of external stakeholders is 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
[EKONL3_W01] has advanced knowledge of the nature of social sciences, their place in the system of sciences, knows the role of economic sciences in this system and uses universal economic terminology	The student confidently uses economic terminology in the context of socio-economic analysis.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
[EKONL3_U02] is able to use the knowledge of theory and data to analyse concrete economic and social processes and phenomena and to analyse these phenomena using methods developed in economics, finance and management sciences	The student is able to apply acquired theoretical knowledge and to collect and process data for the analysis of selected economic and social processes and phenomena, using appropriate research methods including describing and presenting them individually.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU4] test/exam - oral or written

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<tr><td>Subject contents</td><td>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

Any doubts regarding the issues discussed during classes can be discussed during consultations.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Knowledge of fundamental concepts in microeconomics, macroeconomics, and logistics.</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Project</td><td>51.0%</td><td>40.0%</td></tr>
<tr><td>Active participation in classes</td><td>0.0%</td><td>10.0%</td></tr>
<tr><td>Final test</td><td>51.0%</td><td>50.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>1. Budzik A., Gospodarka magazynowa na podstawie wybranego przedsiębiorstwa, Logistyka, vol. 6, s. 23-27.
2. Galińska B., Gospodarka magazynowa, Wydawnictwo Difin, 2016.
3. Reszka L., Decyzje menadżerskie w logistyce, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2019.
4. Szmelter-Jarosz A., Logistyczne aspekty racjonalnego wykorzystania systemów informatycznych, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020.</td></tr>
<tr><td>Supplementary literature</td><td>1. Paradygmaty zrównowazonego rozwoju przedsiębiorstw logistycznych. E-logistyka, pod red. D. Tokarskiego i A. Fajczak-Kowalskiej, Wydawnictwo Społecznej Akademii Nauk, Łódź 2023.
2. Weiland D., Wierzbowski P., Logistyka informacji w gospodarce 4.0, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>-</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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