University of Gdańsk

Subject card

Subject name and code	Logistics for Business Activity, PG_00150918		
Field of study	Economics, International Economic Relations		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Optional subject group
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish Polish
Semester of study	1	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Logistics -> Faculty of Economics -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Leszek Reszka	
	Teachers	dr Leszek Reszka	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	0.0	0.0	0.0	0.0	30

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	30	0.0	0.0	30

Subject objectives

The aim of the course is to provide knowledge of the basics of logistics, to present the importance of logistic processes and systems in the functioning of economic processes, to present selected methods of logistics management and the ability to use them in practice.
By preparing projects, students develop the ability to work in a team.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MSGMU2_U12] can manage teamwork, cooperate and work in a team, in particular an international one, taking a leading role in it	The student is able to work in teams.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
	[MSGMU2_W13] knows and understands methods and tools for describing economic phenomena, including data acquisition techniques, which make it possible to describe and analyse economic entities functioning on the international market as well as processes and phenomena occurring in them and between them, and also those supporting decision-making processes	The student knows the tools and methods used in logistics	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[EKONMU2_U11] has language skills in the field of economics, which comply with the requirements of level B2+ according to the Common European Framework of Reference for Languages	The student is able to work in teams.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
	[MSGMU2_U04] can use the acquired knowledge to formulate and solve complex problems related to the operation of economic entities on the international market, with particular emphasis on the European Union market	The student is able to apply the presented tools and methods of logistics management in practice.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
	[EKONMU2_U02] can use acquired knowledge to describe and analyse the causes and course of economic and social processes and phenomena, and can formulate his/her own opinions and critically select data and analysis methods based on the achievements of economic and social sciences	The student is able to apply the presented tools and methods of logistics management in practice.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
	[EKONMU2_W01] has an in-depth knowledge of the nature of social sciences and their place in the system of sciences; understands the differences between contemporary trends in economic thought; knows the claims of contemporary economic theories	The student acquires knowledge of the logistical support of the organisation.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[EKONMU2_W06] knowsin advanced stage statistical and econometric methods and tools for description and macro- and microeconomic modelling of economic structures and public institutions and processes occurring in them	The student knows the tools and methods used in logistics	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[MSGMU2_W01] has an in-depth and structured knowledge of economic sciences, in particular economics, its place in the system of sciences, its relations with other sciences and fields of knowledge	The student acquires knowledge of the logistical support of the organisation.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[MSGMU2_K02] is ready to critically assess the level of acquired knowledge, skills and professional competence in the area of international economic relations	The student is ready for permanent acquisition of knowledge.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work
	[EKONMU2_K02] is aware of the level of their knowledge in the area of solving complex problems in economic,; understands the need to extend and update this knowledge throughout his/her life	The student is ready for permanent acquisition of knowledge.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work

<table>
<tr><td>Subject contents</td><td>1. Essence and subject matter of logistics
- definition and objectives of logistics
- servicing and integrating functions of logistics
- components of a logistics support system
- microeconomic and macroeconomic aspects of logistics
2 Demand in logistics
- Primary and secondary demand in logistics
- significance of primary demand in the logistical support system of the enterprise
- determinants of secondary demand
- The essence of IT material demand planning systems
- Zeparde Gozinto graph
3 Optimisation of delivery volume
- optimisation versus sub-optimisation
- Essence, functions and factors of stock formation
- Inventory control models
- split point concept
4 Assessment and selection of supplier or contractor
- identification of potential suppliers or contractors
- definition of basic selection criteria and parameters
- determination of scoring rules for individual criteria and parameters
- introduction of possible weightings for individual criteria and parameters
- calculate a summary score for each supplier
- make a decision on the selection of the supplier or contractor
5 Logistic costing
- global costing
- ABC as a method for logistics process management
- company logistics cost budgeting

6. Practical applications of logistics- part of the classes is conducted by representatives of business practice</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></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>activity</td><td>51.0%</td><td>30.0%</td></tr>
<tr><td>project</td><td>51.0%</td><td>70.0%</td></tr>
</table></td></tr>
<tr><td>Recommended reading</td><td><table>
<tr><td>Basic literature</td><td>• M. Chaberek, Ład logistyczny w gospodarowaniu, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020.
• L. Reszka, Decyzje menedżerskie w logistyce, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2019.
• Modelowanie procesów i systemów logistycznych, cz. I - XXII pod red. M. Chaberka, A. Jezierskiego, C. Mańkowskiego i L. Reszki, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2001-2021.</td></tr>
<tr><td>Supplementary literature</td><td>• G. Richards, S. Grinsted, The Logistics and Supply Chain Toolkit, Kogan Page, 2020
• T. Miller, M. J. Liberatore, Logistics Management: An Analytics-Based Approach, Business Expert Press, 2020
• B.S. Blanchard, Logistics Engineering & Management, Pearson UK, 2014
• L. Reszka, Decision Making Process in the Management of Logistics Support System [w:] C. Mańkowski, L. Reszka (ed.): Modelowanie procesów i systemów logistycznych, cz. XXII, Wydawnictwo Uniwersytetu Gdańskiego, Gdansk 2021, s. 167-176</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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