University of Gdańsk

Subject card

Subject name and code	Enterprise and Supply Chain Logistics, PG_00199898		
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	part-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	5	ECTS credits	3.0
Learning profile	academic	Assessment form	credit
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	20.0	0.0	7.0	0.0	27

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	27	0.0	48.0	75

Subject objectives

To provide an understanding of the functions and tasks of logistics in an enterprise and supply chain

To provide the ability to identify company and supply chain logistical processes and systems

To illustrate the inter-relationship and conceptual scope between supply chains and logistical processes, with an indication of the service and integration function of logistics

To demonstrate the dominant role of IT technology in increasing the efficiency and effectiveness of logistical tasks

Learning outcomes

Course outcome	Subject outcome	Method of verification
[EKONL3_U13] be able to interact and work in a group (including an international one), assuming various roles within it	Student is able to work in a team. Students work in teams on short project assignments or mini-projects in the field of business logistics and supply chain management. These assignments are completed as part of classroom activities, and their objectives, progress, or results may be discussed in class, during consultations with the instructor, or during project blocks. Students are able to analyze selected logistics problems, select appropriate organizational and process solutions, present the results of their teamwork, and justify the decisions made.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
[EKONL3_K05] correctly identifies, diagnoses and resolves professional dilemmas and different options for solutions	Students will be able to identify and resolve dilemmas related to the profession of corporate logistics and supply chain manager	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK4] test/exam - oral or written [SK8] observation of student's independent or team work
[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 use basic methods and tools of enterprise and supply chain logistics management.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
[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 create logistical projects, as well as present them and participate in their evaluation. Working in a team, the student prepares a project involving a detailed description of the supply chain for a specific product. The project includes identifying supply chain participants, describing the flow of goods and information, characterizing logistics processes, identifying potential risks, and proposing improvement measures. The project’s objectives and progress may be discussed in class, during consultations with the instructor, or during project blocks. The results of the work are presented in the form of a report and/or during class presentations.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK4] test/exam - oral or written [SK8] observation of student's independent or team work
[EKONL3_W06] has an advanced knowledge of selected methods and tools, including statistical and econometric techniques, for describing economic agents and structures as well as social institutions and the processes taking place in them	The student has knowledge of the logistical processes and systems of the enterprise and the supply chain.The student knows the regularities of the impact of the logistical service on the functioning of the enterprise and the supply chain.The student is familiar with methods and tools, including statistical and econometric techniques to improve the functioning of the logistics of the enterprise and the supply chain.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report

Subject contents

1. The essence of enterprise and supply chain logistics support
2. Objectives and functions of logistics in the company and supply chain
3. Demand in logistics
4. Optimisation of inventory decisions
5. Assessment and selection of supplier or contractor
6. Logistic costing
7. Resource management in the supply chain. Information systems in supply chain management
8. Distribution channels and distribution models in supply chains.
9. Logistics strategy in organisations. Strategies in supply chains
10. Methods, tools, indicators and evaluation criteria in supply chain management.
11. Disruptions in supply chains. Risk management in supply chains

Any doubts regarding the issues discussed during classes can be discussed during consultations.

Prerequisites and co-requisites

Basic economic knowledge.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
assessment test	51.0%	50.0%
group project	51.0%	40.0%
active participation in classes (extra points possible)	0.0%	10.0%

Recommended reading

Basic literature

1. M. Chaberek, *Ład logistyczny w gospodarowaniu*, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020
2. L. Reszka, *Decyzje menedżerskie w logistyce*, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2019
3. A. Szymonik, *Logistyka i zarządzanie łańcuchem dostaw cz. 1 i 2.*, Difin, Warszawa 2010.
4. J. Witkowski, *Zarządzanie łańcuchem dostaw. Koncepcje - procedury - doświadczenia*, PWE, Warszawa 2010 r., Wydanie II zmienione
5. M. Ciesielski, J. Długosz (red.) *Strategie łańcuchów dostaw*, PWE, Warszawa 2010.
6. P. Blaik, Logistyka, PWE, Warszawa 2010

Supplementary literature

1. *Modelowanie procesów i systemów logistycznych, część I - XXII* pod red. M. Chaberka, C, Mańkowskiego, A. Jezierskiego i L. Reszki, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2001-2021
2. A. Harrison, R. Hoek, *Zarządzanie logistyką*, PWE, Warszawa, 2010
3. A. Kawa, *Konfigurowanie łańcucha dostaw, Teoria, instrumenty i technologie*, Wydawnictwo Uniwersytetu Ekonomicznego w Poznaniu, Poznań 2011
4. A. Kawa, *Orientacja sieciowa przedsiębiorstw branży usług logistycznych*, Wydawnictwo Uniwersytetu Ekonomicznego w Poznaniu, Poznań, 2017
5. A. Szmelter-Jarosz, *Logistyczne aspekty racjonalnego wykorzystania systemów informatycznych*, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2019
6. D. Weiland, P. Wierzbowski, *Logistyka informacji w gospodarce 4.0* , Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020
7. G. Richards, S. Grinsted, *The Logistics and Supply Chain Toolkit*, Kogan Page, 2020
8. T. Miller, M. J. Liberatore, *Logistics Management: An Analytics-Based Approach*, Business Expert Press, 2020
9. B.S. Blanchard, *Logistics Engineering & Management*, Pearson UK, 2014
10. 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

eResources addresses

Example issues/ example questions/ tasks being completed

The course includes short team-based project assignments/mini-projects and one extensive team project. The mini-projects involve analyzing selected issues in supply chain management, including supply chain modeling, identifying the point of distribution, analyzing material and information flows, designing distribution channels, evaluating logistics options, and identifying risks and measures to mitigate their effects. The major team project involves preparing a detailed description of the supply chain for a specific product, taking into account the participants in the chain, procurement processes, production, distribution, customer service, information flow, potential disruptions, and proposals for improvements.

Work placement

Not applicable