

Subject card

Subject name and code	Logistics of Business Processes, PG_00171342						
Field of study	Economics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	part-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
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	14.0	0.0	0.0	0.0	14
	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	14		9.0		52.0	75
Subject objectives	The objective of the course is to present logistics as a tool for the economization of economic processes/ supply chains. The student learns about the logistical determinants shaping and functioning of modern supply chains. They gain knowledge of the areas where logistics is applied, logistics concepts, and the methods and tools for economically efficient supply chain management.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONMU2_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions; undertakes challenges of creative thinking; acquires resilience to failures; can assess risks and threats and find ways of counteracting their effects	The student is able to formulate their career goal based on their knowledge and competencies, and prepare to fulfill duties in specific positions.	[SK4] test/exam - oral or written
	[EKONMU2_W07] has an in-depth knowledge of economic and financial principles governing the functioning and management of economic entities and organisations, as well as of systems of legal, organisational, professional, moral and ethical norms and rules organising public structures and institutions, both in the national and international spheres	The student knows and understands the nature of the processes occurring within logistics undertaken during the planning, organizing, and implementation of economic processes. Doubts arising during the problem-solving stage are addressed during consultations	[SW4] test/exam - oral or written [SW5] implementation of a problem task
	[EKONMU2_W02] has an in-depth knowledge of various types of existing economic entities and organisations as well as an extended knowledge of public institutions	The student knows and understands the nature of the processes occurring within logistics undertaken during the planning, organizing, and implementation of economic processes.	[SW4] test/exam - oral or written
	[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 acquire, interpret, and utilize knowledge related to logistic processes.	[SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[EKONMU2_U08] can independently analyse economic and social phenomena and processes, and can perform a theoretically deepened assessment of such phenomena, using appropriately selected research method	The student is able to acquire, interpret, and utilize knowledge related to logistic processes.	[SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[EKONMU2_W03] has an in-depth knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning in the national, international and intercultural spheres	The student knows and understands the nature of the processes occurring within logistics undertaken during the planning, organizing, and implementation of economic processes.	[SW4] test/exam - oral or written
	[EKONMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession	The student is able to formulate their career goal based on their knowledge and competencies, and prepare to fulfill duties in specific positions.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
	[EKONMU2_U14] can appropriately identify priorities and plan and organise tasks related to their implementation, as well as monitor and assess progress	The student is able to acquire, interpret, and utilize knowledge related to logistic processes.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
	[EKONMU2_K01] recognises the importance of knowledge in the field of economics in the process of identifying and solving economic problems and of consulting experts when having difficulties in solving them independently	The student is able to formulate their career goal based on their knowledge and competencies, and prepare to fulfill duties in specific positions.	[SK4] test/exam - oral or written
	[EKONMU2_K03] inspires and organises preparation of economic and social projects, following the idea of sustainable development, reconciling legal, economic, ecological, political and social requirements	The student is able to formulate their career goal based on their knowledge and competencies, and prepare to fulfill duties in specific positions.	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work

	<table><tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr><tr><td>[EKONMU2_U12] can independently plan and implement lifelong learning, and inspire and organise the learning process of others</td><td>The student is able to acquire, interpret, and utilize knowledge related to logistic processes.</td><td>[SU4] test/exam - oral or written</td></tr></table>	Course outcome	Subject outcome	Method of verification	[EKONMU2_U12] can independently plan and implement lifelong learning, and inspire and organise the learning process of others	The student is able to acquire, interpret, and utilize knowledge related to logistic processes.	[SU4] test/exam - oral or written					
Course outcome	Subject outcome	Method of verification										
[EKONMU2_U12] can independently plan and implement lifelong learning, and inspire and organise the learning process of others	The student is able to acquire, interpret, and utilize knowledge related to logistic processes.	[SU4] test/exam - oral or written										
Subject contents	1. The flow of resources as the subject of economic activity. Ensuring resources as the subject of logistics. Service and integration-coordination functions of logistics - logistical customer service. Creating a value chain in the flow of resources. 2. Systemic approach to logistics. Systems and logistical processes. Structure of the system and the logistical process. Decision-making problems in logistics as multi-criteria optimization tasks. 3. Functional and domain approaches in logistics. Procurement logistics. Production logistics. Distribution logistics. Selected domain-specific logistics systems. Logistics in organizing sports or cultural events. Urban logistics. Logistics in recycling activities. Logistics in urban planning. 4. Functions of logistics in stimulating the order of global economic systems. Logistics strategies and their impact on the formation of social and economic systems. Development models of logistics support from the "first" to the "fifth" logistics partner. Outsourcing of logistics services. 5. Logistics in supply chain management. Partnership in supply chains. Structure of the supply chain. Flow of goods and information in the supply chain. Human resources in supply chains. Supply chain models. Supply chain management. Principles of cooperation in the supply chain. Any doubts regarding the issues discussed during classes can be discussed during consultations.											
Prerequisites and co-requisites	General knowledge of the functioning of economic systems.											
Assessment methods and criteria	<table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>final test</td><td>51.0%</td><td>100.0%</td></tr><tr><td>problem-solving tasks</td><td>0.0%</td><td>0.0%</td></tr></table>	Subject passing criteria	Passing threshold	Percentage of the final grade	final test	51.0%	100.0%	problem-solving tasks	0.0%	0.0%		
Subject passing criteria	Passing threshold	Percentage of the final grade										
final test	51.0%	100.0%										
problem-solving tasks	0.0%	0.0%										
Recommended reading	Basic literature	- Chaberek M.: Makro- i mikroekonomiczne aspekty wsparcia logistycznego. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2002. - Mańkowski C.: Modelowanie procesów logistycznych. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020. - Weiland D., Wierzbowski P.: Logistyka w Gospodarce 4.0. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020. - Chaberek M.: Ład logistyczny w gospodarowaniu. Wydawnictwo Uniwersytetu Gdańskiego, 2020.										
	Supplementary literature	- Blaik P.: Logistyka. PWE, Warszawa 2010 - Logistyka. Red. S. Krzyżaniak, D. Kisperska-Moroń. ILiM, Poznań 2009 - Twaróg J.: Mierniki i wskaźniki logistyczne. ILiM, Poznań 2005										
	eResources addresses											
Example issues/ example questions/ tasks being completed												
Work placement	Not applicable											