University of Gdańsk

Subject card

Subject name and code	Logistics of Business Processes, PG_00200058		
Field of study	Economics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	Master'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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	4.0
Learning profile	academic	Assessment form	exam
Conducting unit	Department of Logistics -> Faculty of Economics -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Cezary Mańkowski, prof. UG	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	14.0	0.0	15.0	0.0	39
	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	39	0.0	61.0	100

Subject objectives	The aim of the course is to present logistics as an instrument for economizing business processes or supply chains. The student learns the logistics conditions for shaping and operating of modern supply chains. Learns about logistics concepts, methods and tools for economically effective supply chain management.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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	Student inspires and organizes the preparation of logistics projects in accordance with the idea of sustainable development	[SK4] test/exam - oral or written
[EKONMU2_W03] has a knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning in the national, international and intercultural spheres	The student has in-depth knowledge of the relationships between organizations and institutions creating demand for logistics services, and specialized economic organizations satisfying this demand, constituting the logistics services sector in a given economic system	[SW4] test/exam - oral or written
[EKONMU2_U12] can independently plan and implement lifelong learning, and inspire and organise the learning process of others	The student is able to independently plan and implement lifelong learning for himself and other people	[SU4] test/exam - oral or written
[EKONMU2_K05] correctly identifies, diagnoses and solves advanced dilemmas and alternative solutions related to the profession	The student correctly identifies, diagnoses and resolves "trade off" dilemmas and various variants of solutions related to the profession of logistician	[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 has knowledge of norms and rules (legal, technical-organizational, moral, ethical) related to the operations of supply chains	[SW4] test/exam - oral or written
[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 ready to think and act logistically; adapts to new situations and conditions, takes up the challenges of creative thinking, acquires resistance to failure, is able to assess risks and threats and find ways to counteract their effects	[SK4] test/exam - oral or written
[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 has in-depth knowledge of the functioning of logistics organisations in the economy	[SW4] 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 recognizes the importance of knowledge in the field of logistics of economic processes in the process of identifying and solving problems and seeking the opinion of experts in the event of difficulties in solving them independently	[SK4] test/exam - oral or written
[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 independently analyze logistic events occurring in economic processes and evaluate them using an appropriately selected research method	[SU4] 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 identifies the functions of logistics in modern socio-economic systems. Is able to define the tasks and functions of logistics systems and processes both in business terms and in relation to the non-business and social sphere. Identifies the impact of logistics on the process of shaping modern economic systems.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written

	Course outcome	Subject outcome	Method of verification
	[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 plan and organize logistic tasks in economic processes, as well as monitor and evaluate the progress of their implementation	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
Subject contents	**1. Logistics as an instrument for the economization of business processes** Logistics needs of economic processes. Logistics areas. Logistics as a field of knowledge. Logistics as an economic sphere. Logistics as a teaching field. **2. Logistics systems** Classification. Components. Parameters **3. Logistics concepts** Service. Management. Cost center. Resource support. Added value process. The program is implemented both during classes and outside of them in the form of independent student completion of problem-based tasks/projects, which are consulted with the teacher. In order to further develop the concepts discussed during the lectures, students may take advantage of consultations.		
Prerequisites and co-requisites	General knowledge of business processes		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Problem-based tasks/projects	51.0%	50.0%
	Test	51.0%	50.0%
Recommended reading	Basic literature	1. Chaberek M.: Makro- i mikroekonomiczne aspekty wsparcia logistycznego. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2002 2. Mańkowski C.: *Modelowanie procesów logistycznych*. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020 (available HERE) 3. Weiland D., Wierzbowski P.: Logistyka w Gospodarce 4.0. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020 (available HERE)	
	Supplementary literature	1. Blaik P.: Logistyka. PWE, Warszawa 2010 2. Logistyka. Red. S. Krzyżaniak, D. Kisperska-Moroń. ILiM, Poznań 2009 3. Twaróg J.: Mierniki i wskaźniki logistyczne. ILiM, Poznań 2005 4. Twaróg J.: Koszty logistyki przedsiębiorstw. ILiM, Poznań 2003 5. Czasopisma: Logistyka; Logistyka a Jakość; Eurologistics; Gospodarka Materiałowa i Logistyka; Spedycja, Transport, Logistyka 6. Portals: www.ptl.net.pl; www.logistyka.net.pl	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Logistics functions in economic processes The structure of logistics systems Key logistics indicators		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.