

Subject card

Subject name and code	Controlling in logistics systems , PG_00206281						
Field of study	Economics, International Economic Relations						
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		
Mode of study	part-time studies		Mode of delivery		e-learning		
Year of study	1		Language of instruction		Polish		
Semester of study	1		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		dr hab. Cezary Mańkowski, prof. UG				
	Teachers		dr hab. Cezary Mańkowski, prof. UG				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	20.0	0.0	0.0	0.0	20
	E-learning hours included: 20.0						
	eNauczanie source address: https://mdl.ug.edu.pl/course/view.php?id=2303						
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	20		4.0		51.0	75
Subject objectives	The purpose of the elective course is to complement the achievement of selected educational objectives in terms of knowledge, skills, and social competences required for economics and/or international economic relations in the field of logistics systems controlling						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MSGMU2_K06] is ready to independently identify, diagnose and responsibly resolve dilemmas and alternative solutions related to his/her profession and the development of professional achievements	demonstrates readiness to independently identify, diagnose and responsibly resolve dilemmas and various solution options related to the profession of a logistics systems controller	[SK4] test/exam - oral or written
	[EKONMU2_K05] correctly identifies, diagnoses and solves advanced dilemmas and alternative solutions related to the profession	is able to critically identify and diagnose complex professional dilemmas and perform in-depth analysis and evaluation of various solution options, selecting and justifying optimal decisions in the context of performing the profession of a logistics systems controller	[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	has in-depth knowledge of the economic and financial principles of controlling logistics systems	[SW4] test/exam - oral or written
	[MSGMU2_W11] has a theoretically grounded knowledge of the key issues of managing a business entity on the national and international market and of selected detailed issues of the international supply chain	has in-depth knowledge of selected logistics controlling methods and tools relevant to the scientific discipline of MSG.	[SW4] test/exam - oral or written
Subject contents	1. Decision-Making Problems in Logistics The Relational, Integrating, and Coordinating Nature of Logistics. Logistical Problems Such as Trade Offs, Make or Buy, and Trade Up. Information Needs of Logistics Systems 2. Controlling as a Management Information System The Essence of Controlling. Controlling's Information Offering. Attributes of Controlling Information 3. Controlling of Logistics Process The Role and Tasks of Logistics Process Controlling. Accounting as an Information Supply System for Logistics Process Controlling 4. Logistics Service Level Controlling in the Market Logistics Service Level Indicators in the Market. Application of Quality Assurance (QFD). Benchmarking 5. Controlling of Logistics Activity Costs The Structure of Logistics Activity Costs. Logistics Activity Costing Methodology Doubts that arise during the implementation of the subject content or problems of interpretation will be resolved during consultations.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Test	51.0%	100.0%
Recommended reading	Basic literature	1. Śliwczyński B.: Controlling w zarządzaniu logistyka. Wyższa Szkoła Logistyki, Poznań 2007 2. Mańkowski C.: Wybrane metody i narzędzia rachunku zarządczego i analizy odchyleń. [W:] Logistyka ponad granicami. Red. S. Abt. ILiM, Poznań 2000 3. Mańkowski C.: Aplikacja metodyki rachunku kosztów działań logistycznych [W:] Zeszyty Naukowe Uniwersytetu Gdańskiego. Ekonomika Transportu Lądowego. Nr 37/2008 4. Mańkowski C.: Kontroling i logistyka zaopatrzenia jako czynniki synergiczne gospodarowania. Wydaw. Uniwersytetu Gdańskiego. Gdańsk 2005	
	Supplementary literature	1. Vollmuth H. J.: Controlling. Planowanie, kontrola, zarządzanie. Wyd. Placet. Warszawa 1993 2. Czasopismo: "Controlling i Rachunkowość Zarządcza w Firmie", "Logistyka", "Gospodarka Materialowa i Logistyka"	

	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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