



## Subject card

Subject name and code	LOGISTICS MANAGEMENT, PG_00061169						
Field of study	Management						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2023/2024		
Education level	first-cycle studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		English		
Semester of study	2		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Management Engineering and Quality -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Joanna Czerska				
	Teachers		dr inż. Joanna Czerska				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	0.0	0.0	0.0	45
	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	45		8.0		47.0	100
Subject objectives	Analyzes the key factors affecting the effective functioning of logistics systems in the context of their design, improvement and management						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W03] identifies reliable sources of information relevant to the analyzed issues		correctly defines the components of the logistics process, obtaining reliable information needed for its analysis, improvement and design as well as making responsible operational decisions		[SW1] Assessment of factual knowledge		
	[K6_U05] designs innovative solutions to difficult problems, achieving economic and socially valuable results		designs complex logistics processes, using appropriate methods to select resources, meet deadlines and analyze costs, carrying out a critical assessment of individual stages		[SU4] Assessment of ability to use methods and tools		

Subject contents	<p>LECTURE</p> <p>Introduction to logistics management</p> <p>Key costs and indicators in logistics management</p> <p>Supply chain management</p> <p>Simulation game</p> <p>Push-vs-pull system</p> <p>Flow determinants in the supply chain: Speed, flexibility, volatility, frequency</p> <p>Inventory management: Inventory management methods: DTO, MTO, ATO, MTS</p> <p>Inventory management: Determine inventory levels</p> <p>Planning in the supply chain</p> <p>EXERCISES</p> <p>Customer service</p> <p>S&amp;OP planning</p> <p>MPS planning</p> <p>Work Scheduling</p> <p>Production flow control</p> <p>Distribution</p> <p>Sourcing</p> <p>Purchasing</p> <p>Transportation (all types)</p> <p>Remanufacturing logistics</p>														
Prerequisites and co-requisites															
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>Team project</td><td>60.0%</td><td>30.0%</td></tr><tr><td>Optional tasks</td><td>60.0%</td><td>20.0%</td></tr><tr><td>Theoretical and Practical Quizzes</td><td>60.0%</td><td>50.0%</td></tr></table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Team project	60.0%	30.0%	Optional tasks	60.0%	20.0%	Theoretical and Practical Quizzes	60.0%	50.0%
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Recommended reading	<p>Basic literature</p>	<p>Duggan K.J., Creating mixed model value streams, second edition, Productivity Press 2012</p> <p>Kanban Just-in Time at Toyota: Management Begins at the Workplace, Japan Management Association, 1986</p>													
	<p>Supplementary literature</p>	<p>A. Weele, F. Rozemeijer Procurement and Supply Chain Management, Cengage Learning EMEA, 2022T.F Wallace,, Sales and Operations Planning The How-To Handbook, Steelwedge Software, 2008</p>													
	<p>eResources addresses</p>	<p>Adresy na platformie eNauczanie:</p> <p>Logistics management summer 2024_BIM2_Joanna Czerska - Moodle ID: 37833</p> <p><a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37833">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37833</a></p>													
Example issues/ example questions/ tasks being completed	<p>Logistical decision problems</p> <p>Logistics chain integration</p> <p>Logistics services</p>														
Work placement	<p>Not applicable</p>														

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