



Subject card

Subject name and code	Logistics Management, PG_00037712							
Field of study	Management							
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023			
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	3	Language of instruction			English			
Semester of study	6	ECTS credits			3.0			
Learning profile	general academic profile	Assessment form			exam			
Conducting unit	Department of Management -> 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	15.0	0.0	0.0	0.0	30	
	E-learning hours included: 0.0							
Logistics management 2023_Joanna Czerska - Moodle ID: 24477 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=24477								
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	30		6.0		39.0	75	
Subject objectives	The aim of the training is to equip the student with basic knowledge of the internal and external supply chain management mechanisms and the ability to determine the critical path and the ability to optimize processes within the company in the field of Logistics.							
Learning outcomes	Course outcome		Subject outcome			Method of verification		
	[K6_W02] has a basic knowledge about the structure of economic organisations, about relations between economic entities and other social institutions		The student has a basic knowledge of logistics, can share it in a working team			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_U06] predicts phenomena and processes in the organization, taking into account social aspects		Forecasts logistics processes in enterprise			[SU1] Assessment of task fulfilment		
	[K6_W03] has a basic knowledge of relations both within the organisation and between the organisation and its environment on a national and international scale		Has a basic knowledge about relations in supply chains			[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation		
[K6_U12] analyses, evaluates and selects various managerial solutions in decision-making processes, taking into account pro-quality and pro-environmental aspects		Uses theoretical knowledge to logistics resource management			[SU1] Assessment of task fulfilment			

Subject contents	<p>Theoretical and practical issues</p> <ol style="list-style-type: none"> 1. Introduction to logistics management 2. Key costs and indicators in logistics management 3. "Supply chain management. Simulation game. 4. Push vs pull system" 5. Determinants of flow in the supply chain: Speed, flexibility, variability, frequency Inventory management part 1 Inventory management methods: DTO, MTO, ATO, MTS 6. Inventory management part 2. Determining inventory levels Supply chain planning. <p>Challenges and opportunities in the supply chain (work to be done by the team in one area):</p> <ol style="list-style-type: none"> 1. Customer Service S&OP 2. Scheduling MPS 3. Scheduling Production 4. Flow Control 5. Distribution 6. Sourcing 7. Procurement 8. Transportation (all types) 9. Logistics of remanufacturing. 														
Prerequisites and co-requisites	Familiarity with MS Excel at an advanced level (pivot tables full scope, conditional formulas)														
Assessment methods and criteria	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Subject passing criteria</th> <th style="width: 30%;">Passing threshold</th> <th style="width: 30%;">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>Quizzes and tasks on e-nauczanie</td> <td>60.0%</td> <td>40.0%</td> </tr> <tr> <td>Team proect</td> <td>60.0%</td> <td>30.0%</td> </tr> <tr> <td>Exam</td> <td>60.0%</td> <td>30.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Quizzes and tasks on e-nauczanie	60.0%	40.0%	Team proect	60.0%	30.0%	Exam	60.0%	30.0%
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Example issues/ example questions/ tasks being completed	<p>Logistic decision problems</p> <p>Integration of the logistic chains</p> <p>Logistics services</p>														
Work placement	Not applicable														