GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Logistics and Warehouse Centers, PG_00044654		
Field of study	Transport		
Date of commencement of studies	October 2020	Academic year of realisation of subject	2022/2023
Education level	first-cycle studies	Subject group	Optional subject group 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	Polish
Semester of study	6	ECTS credits	4.0
Learning profile	general academic profile	Assessment form	exam
Conducting unit	Department of Transportation Engineering -> Faculty of Civil and Environmental Engineering		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Justyna Staszak-Winkler	
	Teachers	dr Justyna Staszak-Winkler dr hab. Daniel Kaszubowski	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	15.0	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	10.0	45.0	100

Subject objectives

Presentation of the principles of operation of logistics networks and the principles of planning selected functional parameters. Identification of nodal points in logistics networks such as logistics and warehouse centers, indicating the differences between the various types of facilities logistics and the conditions of their location. Presentation of the role of logistics and warehouse centers in the National Logistics System of Poland.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U12] able to select tools and methods, carry out assessments and simple tests of transport systems to an extent required of the specialty / learning profile	Ability to select criteria the location of the logistics center and define it basic functional parameters.	[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information
[K6_W17] has proficiency in transport systems as appropriate for their specialty	Ability to point elements of the logistics network, and determine the parameters affecting its effectiveness.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge

Subject contents

1. Definition of logistics networks 2. Examples of logistics networks depending on the industry served 3. Definition of a logistics center 4. Principles of planning and location of logistics centers 5. Examples of logistics centers in Poland and other EU countries 6. Planning methods in logistics 7. Requirements for creating an integrated supply chain and network 8. Efficiency and demand analysis in the supply network 9. Demand planning in the nodes of the supply network 10. Analysis of the turnover and conditions for external transport at nodal points of the supply network

Prerequisites and co-requisites

Basics of logistics

Logistics management

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
ćwiczenia	60.0%	40.0%
wyklad (test)	60.0%	60.0%

Recommended reading	Basic literature	1. B. Śliwczyński: Planowanie logistyczne. Instytut Logistyki i Magazynowania, Poznań 2008 2. I. Fechner: Centra logistyczne. Instytut Logistyki i Magazynowania, Poznań 2004 3. P.Kryś: Metoda oceny funkcjonowania centrów logistycznych. Oficyna Wydawnicza Politechniki Warszawskiej. Warszawa 2020. 4. M. Cieślelski: Sieci w gospodarce. PWE, Warszwa 2013
	Supplementary literature	Scientific articles
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	