

COURSE GUIDE

<u>Subject name</u>	Economics of logistics processes
<u>Course of study</u>	Logistics
<u>The form of study</u>	Full-time
<u>Level of qualification</u>	II
<u>Year</u>	2
<u>Semester</u>	4
<u>The implementing entity</u>	Institute of Logistics and International Management
<u>The person responsible for preparing</u>	Marta Daroń PhD
<u>Profile</u>	General academic
<u>Course type</u>	other
<u>ECTS points</u>	4

TYPE OF TEACHING – NUMBER OF HOURS PER SEMESTER

LECTURE	CLASS	LABORATORY	PROJECT	SEMINAR
15	15	-	-	-

COURSE AIMS

C1. The presentation of basic issues concerning economics and organization of logistics processes

C2. The use of theoretical knowledge in the field of logistics economics to solve practical problems

ENTRY REQUIREMENTS FOR KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. The student has a basic knowledge of economics
2. The student has a basic knowledge of the logistics systems

LEARNING OUTCOMES

EK 1- Student is able to characterize basic issues related to the logistics processes economics

EK 2- Student is able to solve the problems of logistics processes economics

COURSE CONTENT

Type of teaching – LECTURES		Number of hours
W 1	The importance of logistics in the national economy	1
W 2	The logistical needs	1
W3	Classification of logistics processes	1
W4	Economics of transport	1
W5	Intermodal transport	1
W6	Economics of supply processes	1
W7	Economics of distribution processes	1
W8	Economics of production logistics	1
W9	Economics of return logistics	1
W10, W11	Costs in logistics	2
W12, W13	Efficiency in supply chains	2
W14, W15	Functioning of logistics centers	2

Type of teaching – CLASSES		Number of hours
C 1	Introductory classes, timetable discussion	1
C 2,	Issues related to transport, transport infrastructure, examples, exercises	1
C3	Supply processes, costs, exercises	1
C4, C5	Production logistics, scheduled, costs	2
C6	Distribution costs, exercises	1
C7	Characteristics of transport costs, examples, exercises	1
C8	Test	1
C9	Characteristics of particular modes of transport in the context of freight and passenger transport processes, examples, exercise	1
C10, C11	Transport rates applicable in the different modes of transport, calculation of prices for transport services, examples and exercises	2
C12	The choice of the transport form - an analysis of the profitability thresholds - exercises	1
C13	Overview of logistics management issues - exercises	1
C14	Ways of organizing the logistics processes - exercises and tasks	1
C15	Test	1

TEACHING TOOLS

1. Textbooks and scripts
2. Copyright examples, tasks and exercises
3. Audiovisual equipment

WAYS OF ASSESSMENT (F – FORMATIVE, P – SUMMATIVE)

F1 Tasks and exercises in the classroom

F2 Test

P1 Test

STUDENT WORKLOAD

Form of activity		Average number of hours for realization of the activity
		[h]
Contact hours with the teacher	CLASSES	15
Contact hours with the teacher	Lectures	15
Preparation for classes		35
Preparation for tests		30
Consultations		5
TOTAL NUMBER OF HOURS / ECTS POINTS FOR THE COURSE		100 / 4

BASIC AND SUPPLEMENTARY RESOURCE MATERIALS

Basic resources:

1.	Business Logistics Management / Pienaar Voght. Cape Town : Oxford University Press Southern Africa, 2017
2.	Supply Chain Management and Logistics: Innovative Strategies and Practical Solutions / ed. by Zhe Liang, Wanpracha Art Chaovalitwongse, Leyuan Shi. Boca Raton : CRC Press / Taylor & Francis Group, 2017
3.	Logistics Management / Marzenna Cichosz. Warszawa : Szkoła Główna Handlowa, 2015. Innovation of Logistics Processes: Monograph / ed. Beata Skowron-Grabowska, Ostrava : Vysoka Skola Banska-Technicka, 2014
4.	Sustainable Logistics / Ed. Sandra Melo. Bingley : Emerald Group Publishing Limited, 2014
5.	Logistics and Supply Chain Management in Polish, Russian and Ukrainian Research / Ed. Jacek Szoltysek. Katowice : University of Economics, 2011

Supplementary resources:

1.	Theoretical and Practical Aspects of Transport Logistics: Monograph / Aleksandra Górecka, Marta Kadłubek, Ireneusz Miciuła, Celje : Faculty of Logistics, University of Maribor, 2017.
2.	Lean Six Sigma for Supply Chain Management: the 10-step Solution Process / James W. Martin. New York : McGraw-Hill, 2007.
3.	Operations Now Supply Chain Profitability and Performance / Byron J. Finch. Boston : McGraw-Hill, 2008.
4.	Kot S., KOVACS G. Y., Economic and Social Effects of Novel Supply Chain Concepts and Virtual Enterprises, Journal of International Studies, vol 10 nr 1 2017,
5.	Kot S., KOVACS G. Y., New Logistics and Production Trends as the Effect of Global Economy Changes, Polish Journal of Management Studies 2017, vol. 14, http://www.pjms.zim.pcz.pl/files/New-Logistics-and-Production-Trends-as-the-Effect-of-Global-Economy-Changes.pdf
6..	Logistics of Waste Flows: Monograph / Marta Starostka-Patyk. Targoviste : Valahia University Press, 2012.
7.	Bubel D. , Analysis of Information Systems in the Aspect of Managing Logistic Processes of Supply Chain
8.	Sustainable Logistics Management / Janusz K. Grabara, Sibiu : Universitatii "Lucian Blaga", 2013.
9.	Transport Economic Theory / Sergio Jara Diaz. Bingley : Emerald Group Publishing, 2007.
10.	Daroń M. Górska M., Company's Production System Improving in Terms of Impact on Environment, 18th International Multidisciplinary Scientific GeoConference. Vol.18. Ecology, Economics, Education and Legislation. Iss.5.2. Ecology and Environmental Protection, STEF92 Technology Ltd., Sofia 2018, pp. 211-218
11.	Daroń M. Górska M., Dunay A., Improvement of the Production System Functioning with Using Quality Management Tools in the Metallurgical Enterprise, 2018 https://www.matec-conferences.org/articles/mateconf/pdf/2018/42/mateconf_qpi2018_03016.pdf
12.	Daroń M. , Types of Cooperation in Clothing Producers Distribution Channels, <i>Ekonomika i Organizacja Przedsiębiorstwa</i> 2015, No11, pp.3-12

TEACHERS (NAME, SURNAME, E-MAIL ADDRESS)

1. Marta Daroń PhD, marta.daron@wz.pcz.pl

MATRIX OF LEARNING OUTCOMES REALISATION

Learning outcome	Reference of given outcome to outcomes defined for whole program	Course aims	Course content	Teaching tools	Ways of assessment
EK 1	K_W03, K_W05, K_W09, K_W10, K_W12, K_W16, K_U06, K_U11, K_U14	C1	C1-C15, W1-W15	1,2,3	F2, P1
EK 2	K_W09, K_W10, W12, K_W16, K_W19, K_U06, K_U14, K_K04	C2	C2-C15	1,2,3	F1, F2, P1

FORM OF ASSESSMENT - DETAILS

	grade 2	grade 3	grade 4	grade 5
EK 1	Student is unable to characterize basic issues related to the logistics processes economics	Student is able to characterize few issues related to the logistics processes economics	Student is able to characterize most of issues related to the logistics processes economics	Student is able to characterize basic issues related to the logistics processes economics
EK 2	Student is unable to solve the problems of logistics processes economics	Student is able to solve simple tasks concerning logistics processes economics	Student is able to solve tasks with a medium level of difficulty	Student is able to solve the complex problems of logistics processes economics

ADDITIONAL USEFUL INFORMATION ABOUT THE COURSE

1. Information where presentation of classes, instruction, subjects of seminars can be found, etc.
– the information is given during first classes
2. Information on the place where the classes take place - on the website of Faculty of Management
3. Information on the date of classes (day of the week/hour) - on the website of Faculty of Management
4. Information on consultation hours (hours + place) - on the website of Faculty of Management

.....Marta Daroń.....

Coordinator