

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>	second
<u>Year</u>	II
<u>Semester</u>	4
<u>The implementing entity</u>	Department of Logistics and International Management
<u>The person responsible for preparing</u>	Dr Marta Daroń
<u>Profile</u>	General academic
<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

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

LEARNING OUTCOMES

- EU 1-** Student is able to characterize basic issues related to the logistics processes economics.
- EU 2-** Student is able to solve the problems of logistics processes economics.

COURSE CONTENT

Type of teaching – LECTURES		Number of hours
L1	Introduction to Economics of Logistics Processes, Presentation of the principles of assessment of the subject, logging into the e-learning course, use of e-learning course materials.	1
L2, L3	Processes as an inseparable part of enterprise operations (definition, classification, measures, improvement).	2
L4	Logistics process approach.	1
L5, L6	Economics of transport.	2
L7	Supply processes economics.	1
L8	Economics of warehouse management processes.	1
L9	Internal transport - economic aspect.	1
L10, L11	Economics of production logistics.	2
L12	Economics of distribution processes.	1
L13	Economics of return logistics.	1
L14	Economics of supply chains.	1
L15	Summary and evaluation of e-learning activities.	1

Type of teaching – CLASSES		Number of hours
C 1	Introductory classes, timetable discussion.	1
C 2, C3	A break-even point analysis of own and ordered transport, exercises.	2
C4	Rates in rail and air transport, exercises.	1

C5-6	Economic aspects of road transport, exercises.	2
C7	Economics of supply processes, exercises.	1
C8	Test 1.	1
C9-10	Economics of distribution processes, examples.	2
C 11, C12	Economic aspects of internal transport processes, exercises.	2
C13, C14	Economics of logistic production processes – exercises.	2
C15	Test 2.	1

TEACHING TOOLS

Textbooks and scripts.

Copyright examples, tasks and exercises.

Audiovisual equipment.

E-learning platform.

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

F1. Tasks and exercises in the classroom.

F2. Test.

F3. E-learning activities.

P1. Test.

STUDENT WORKLOAD

Form of activity	Average number of hours for realization of the activity
	[h]
Contact hours with the teacher	30
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

Business Logistics Management / Pienaar Voght. Cape Town : Oxford University Press Southern Africa, 2017.

Supply Chain Management and Logistics: Innovative Strategies and Practical Solutions / ed. by Zhe Liang, Wanpracha Art Chaovaitwongse, Leyuan Shi. Boca Raton : CRC Press / Taylor & Francis Group, 2017 Logistics Management / Marzenna Cichosz. Warszawa : Szkoła Główna Handlowa, 2015.

Innovation of Logistics Processes: Monograph / ed. Beata Skowron-Grabowska, Ostrava : Vysoka Skola Banska-Technicka, 2014.

Supplementary resources:

Sustainable Logistics / Ed. Sandra Melo. Bingley : Emerald Group Publishing Limited, 2014 Logistics and Supply Chain Management in Polish, Russian and Ukrainian Research / Ed. Jacek Szoltysek. Katowice : University of Economics, 2011.

Daroń M., Górská M., Challenges and Problems of Transport Management in the Mining Sector, IBIMA 2019 International Business Information Management Association, 2019, vol. 2, pp. 2357-2372, ISBN 978-0-9998551-2-6

TEACHERS (NAME, SURNAME, E-MAIL ADDRESS)

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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
EU1	K_W02, K_W05, K_U07, K_K04	C1	C1-C15, L1-L15	1,2,3,4	F2, F3, P1
EU 2	K_W05, K_U07, K_K04	C2	C2-C15	1,2,3	F1, F2, P1

FORM OF ASSESSMENT - DETAILS

	grade 2	grade 3	grade 4	grade 5
EU 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.
EU 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

Information where presentation of classes, instruction, subjects of seminars can be found, etc. – the information is given during first classes

Information on the place where the classes take place - on the website of Faculty of Management

Information on the date of classes (day of the week/hour) - on the website of Faculty of Management

Information on consultation hours (hours + place) - on the website of Faculty of Management