

COURSE GUIDE

<u>Subject name</u>	Modern logistics concepts
<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>	3
<u>The implementing entity</u>	Department of Logistics and International Management
<u>The person responsible for preparing</u>	Dr hab. Marta Starostka-Patyk
<u>Profile</u>	General academic
<u>ECTS points</u>	4

TYPE OF TEACHING – NUMBER OF HOURS PER SEMESTER

LECTURE	CLASS	LABORATORY	PROJECT	SEMINAR
15	30	-	-	-

COURSE AIMS

C1. The main aim is gain theoretical and practical knowledge about new and modern ideas and concepts developed recently in logistics science.

C2. The aim of classes is gain practical knowledge about “best practices” in the area of logistics science.

ENTRY REQUIREMENTS FOR KNOWLEDGE, SKILLS AND OTHER COMPETENCES

Student knows basic issues of logistics and management.

Student knows basic issues of transportation and enterprise performance.

Student is able to prepare the presentation in Power Point.

LEARNING OUTCOMES

EU 1- Student can describe basic issues of development the modern logistics concepts.

EU 2- Student is able to recognize the needs in logistics environment and propose the correct modern logistics concept to solve the problems.

EU 3- Student identifies correctly modern logistics concepts and their utility.

COURSE CONTENT

Lectures – 15 hours		Number of hours
L 1	Ecologistics – definitions and theoretical background of this concept.	2
L 2	Green logistics – definitions and theoretical background of this concept.	2
L 3	Reverse logistics – definitions and theoretical background of this concept.	3
L 4	Emergency logistics – definitions and theoretical background of this concept.	2
L 5	City logistics – definitions and theoretical background of this concept.	2
L 6	Logistics of mass events – definitions and theoretical background of this concept.	2
L 7	Pilgrimage logistics – definitions and theoretical background of this concept.	2
Classes – 30 hours		Number of hours
C 1	Ecologistics – practical background of this concept.	2
C 2	Usage examples of ecologistics.	2
C 3	Green logistics – practical background of this concept.	2
C 4	Usage examples of green logistics.	2
C 5	Reverse logistics – practical background of this concept.	3
C 6	Usage examples of reverse logistics.	3

C 7	Emergency logistics – practical background of this concept.	2
C 8	Usage examples of emergency logistics.	2
C 9	City logistics – practical background of this concept.	2
C 10	Usage examples of city logistics.	2
C 11	Logistics of mass events – practical background of this concept.	2
C 12	Usage examples of logistics of mass events.	2
C 13	Pilgrimage logistics – practical background of this concept.	2
C 14	Usage examples of pilgrimage logistics.	2

TEACHING TOOLS

Books.

Case studies materials.

Visual equipment (projector).

E-learning platform.

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

F1 Case study materials.

F2 Presentation of prepared materials.

F3 Discussion during classes.

F4 Presence during classes.

P1 Final presentation of prepared solved case study.

STUDENT WORKLOAD

Form of activity	Average number of hours for realization of the activity
	[h]
Contact hours with the teacher	45
Preparation for classes	15
Preparation of own presentation	20
Reading and websearching	15
Consultations	5
TOTAL NUMBER OF HOURS / ECTS POINTS FOR THE COURSE	100 / 4

BASIC AND SUPPLEMENTARY RESOURCE MATERIALS

Basic resources

M. Starostka-Patyk, Reverse logistics of defective products in management of manufacturing enterprises, Ed. Sophia, 2017.

C. Donald J. Waters, Global Logistics: New Directions in Supply Chain Management, Kogan Page Publishers, 2007.

T. Gudhus, H. Kotzab, Comprehensive Logistics, Springer Science & Business Media, 2012.

Supplementary resources

M. Christopher, P. Tatham, Humanitarian Logistics: Meeting the Challenge of Preparing for and Responding to Disasters, Kogan Page Publishers, 2011.

A. McKinnon, M. Browne, A. Whiteing, Green Logistics: Improving the Environmental Sustainability of Logistics, Kogan Page Publishers, 2012.

D. Ait-Kadi, M. Chouinard, S. Marcotte, D. Riopel, Sustainable Reverse Logistics Network: Engineering and Management, John Wiley & Sons, 2012.

TEACHERS (NAME, SURNAME, E-MAIL ADDRESS)

Dr hab. Marta Starostka-Patyk, prof. PCz., m.starostka-patyk@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
EU 1	K_W01, K_U05, K_K05	C1, C2	L1-L7, C1-C14	1, 2, 3, 4	F1, F2, F3, F4, P1
EU 2	K_W01, K_U05, K_K05	C1, C2	L1-L7, C1-C14	2, 3, 4	F1, F2, F3, F4, P1
EU 3	K_W01, K_U05, K_K05	C1, C2	L1-L7, C1-C14	1, 2, 3, 4	F1, F2, F3, F4, P1

FORM OF ASSESSMENT - DETAILS

	grade 2	grade 3	grade 4	grade 5
EU 1	Student cannot any describe basic issues of development the modern logistics concepts.	Student can describe some basic issues of development the modern logistics concepts.	Student can describe almost all basic issues of development the modern logistics concepts.	Student can describe all basic issues of development the modern logistics concepts.
EU 2	Student is not able to recognize any needs in logistics environment and not able to propose any correct modern logistics concept to solve the problems.	Student is able to recognize some needs in logistics environment and propose some correct modern logistics concept to solve the problems.	Student is able to recognize almost all needs in logistics environment and propose the correct modern logistics concept to solve the problems.	Student is able to recognize all needs in logistics environment and propose the correct modern logistics concept to solve the problems.
EU 3	Student does not identify correctly any modern logistics concepts and their utility.	Student identifies correctly some modern logistics concepts and their utility.	Student identifies correctly almost all modern logistics concepts and their utility.	Student identifies correctly all modern logistics concepts and their utility.

ADDITIONAL USEFUL INFORMATION ABOUT THE COURSE

Information where presentation of classes, instruction, subjects of seminars can be found, etc. – information presented to students in the classroom can be sent to the email addresses of individual groups .

Information on the place where the classes take place – according to plan lessons:

[http:// www.wz.pcz.pl/plany](http://www.wz.pcz.pl/plany)

Information on the date of classes (day of the week/hour) - according to plan lessons:

[http:// www.wz.pcz.pl/plany](http://www.wz.pcz.pl/plany)

Information on consultation hours (hours + place) – information is provided to students at the first class, also can be found on the website of the Faculty of Management and in the cabinet of information the Department of Logistics and International Management (second floor).