



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Distribution logistics

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### Course

Field of study

Logistics

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

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### Number of hours

Lecture

15

Tutorials

Laboratory classes

Projects/seminars

15

Other (e.g. online)

### Number of credit points

4

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### Lecturers

Responsible for the course/lecturer:

Ph.D., D. Sc. Eng., Piotr Cyplik, Universty  
Professor

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Responsible for the course/lecturer:



## Prerequisites

Student knows the basics of logistics. Student can use basic logistic measures in practise.

## Course objective

The aim of the course is to introduce students with the organization of distribution systems - their diversity, structure and functioning. Students will learn a number of useful concepts and tools used most often in the field of distribution logistics.

## Course-related learning outcomes

### Knowledge

1. The student knows the basic relationships in the distribution and supply chain logistics [P6S\_WG\_05].
2. Student is able to recognize the basic phenomena characteristic of distribution and supply chain logistics [P6S\_WG\_08].
3. The student is able to explain in detail the characteristic concepts for distribution and supply chain logistics [P6S\_WG\_08].
4. The student is able to formulate the basic relationships in the distribution and supply chain logistics [P6S\_WK\_04].
5. Student is able to identify contemporary trends in distribution and supply chain logistics [P6S\_WK\_05].
6. The student is able to characterize the best practices in distribution and supply chain logistics [P6S\_WK\_06].

### Skills

1. The student is able to search based on the literature on the subject and other sources and present information on the problem of designing the distribution system in an orderly manner [P6S\_UW\_01].
2. Student is able to present, using properly selected means, the designed distribution system [P6S\_UK\_01].
3. Student is able to prepare and present an oral presentation on specific issues related to the organization of the distribution system [P6S\_UK\_02].
4. Student is able to independently develop a given distribution system project [P6S\_UW\_07].
5. Student is able to formulate, using analytical and simulation methods, the task of designing a distribution system [P6S\_UW\_03].
6. The student can economically assess the selected distribution system [P6S\_UW\_03].
7. Student is able to make a critical analysis of the designed or existing distribution system [P6S\_UW\_06].
8. Student is able to design a distribution system using appropriate methods and techniques [P6S\_UU\_01].

### Social competences

1. The student is aware of the need to learn lifelong solutions in distribution logistics [P6S\_KK\_02].
2. The student is willing to cooperate and work in a group within the development of the distribution system project [P6S\_KO\_02] [P6S\_KR\_02].
3. Student is able to correctly identify and resolve dilemmas related to the profession of logistics working in the sphere of distribution [P6S\_KR\_01].

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

- a) project: on the basis of the project and its final defense.
- b) lectures: final exam written answer to the questions asked.

## Programme content



The subject matter covers the following issues: essence, tasks and functions of distribution logistics; distribution channel theory; forms of distribution; types and functions of intermediaries in distribution channels; shaping of assortment in the point of view of distribution logistics. Students are also familiar with selected issues important for distribution logistics: center of gravity method, centralization and decentralization of stocks, distribution requirement planning, analysis of distribution center functioning.

### Teaching methods

Didactic methods

Project: classic problematic method, case study method.

Lectures: information lecture, conversatory lecture, problem lecture.

In the field of self-employment: working with a book

### Bibliography

Basic

1. Cyplik P., Hadaś Ł., Fertsch M., (2011), Zarządzanie dystrybucją, Wydawnictwo Politechniki Poznańskiej, Poznań
2. Bendkowski J., Pietrucha-Pacut M., (2003), Podstawy logistyki w dystrybucji, Wydawnictwo Politechniki Śląskiej, Gliwice
3. Domański R., Hadaś Ł., (2017), Kształtowanie systemu logistycznej obsługi klienta w warunkach realizacji strategii omnichannel, Gospodarka Materiałowa i Logistyka 07/2017

Additional

1. Śliwczyński B., Koliński A., (2014), Organizacja i monitorowanie procesów dystrybucji, Instytut Logistyki i Magazynowania, Poznań
2. Cyplik P., Głowacka D., Fertsch M., (2008), Logistyka przedsiębiorstw dystrybucyjnych, Wyższa Szkoła Logistyki, Poznań
3. Rutkowski K. (red.), (2001), Logistyka dystrybucji, Wydawnictwo Difin, Warszawa

### Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	40	1,5
Student's own work (literature studies, preparation for exam, project preparation) <sup>1</sup>	60	2,5

<sup>1</sup> delete or add other activities as appropriate