

## Course description

### Strategic Management of Logistics Infrastructure

#### 1. Course name, ECTS, quarter/semester, contact hours

Strategic Management of Logistics Infrastructure, 4 ECTS, 4<sup>th</sup> quarter, 48 contact hours

#### 2. Author of the course

A.G.Mayevskiy, Ph.D., associate professor, Logistics and Supply Chain Management Dept.

#### 3. Outline

The purpose of the discipline is to develop students' knowledge of the basic principles and methods of logistics processes within the formed storage and warehousing network as a part of the company's logistics infrastructure.

The other object is to develop the students' knowledge and skills in the applied aspects of logistics based on the modern concept of an integrated approach to management and logistics systems.

The problems and methods for forming a network of warehouse companies, modeling business processes in the warehouses, storage technologies for handling of goods are also considered.

#### 4. Structure and content

№	Section title	Total hours	Classroom hours		Self-study
			Lectures	Seminars	
1	Managing process in the logistics infrastructure: a complex of modern logistics infrastructure and an integrated approach to the analysis of its functioning	8	1	1	6
2	Key elements of modern logistics infrastructure	8	1	1	6
3	Formation of an optimal warehouse network: strategic objectives of logistics warehousing	20	2	6	12
4	The main approaches to the selection of logistics intermediaries	16	2	4	10
5	Optimizing company's warehousing	20	2	6	12
6	Managing logistic process at the warehouse	18	2	6	10
7	Models and methods for justification of strategic decisions in the area of logistics infrastructure	18	2	4	12
	Total	108	12	28	68

#### 5. Prerequisites

## **6. Assessment**

*coursework (40%):* 2000-word essays, performing calculation task

*written examination (60%):* 2 hour exam, test