

# LOGISTICS

## COURSE SYLLABUS ABSTRACT of higher education institution

**Speciality** 6-05-1042-01 «Transport logistics»  
**Concentration** Regional transport and logistics systems

	STUDY MODE	
	Full-time	Part-time (shortened program)
Year	2	2
Semester	3, 4	3, 4
Lectures, hours	68	16
Practical classes, hours	50	10
Laboratory classes, hours	16	4
In-class test, semester (hours)	–	3 (2 hours), 4 (2 hours)
Course project, semester	4	4
Exam, semester	3, 4	3, 4
Contact hours	134	34
Guided independent study, hours, type/ semester	10 (lectures / 3), 10 (lectures / 4), 14 (practical classes / 4)	–
Independent study, hours	118	218
Total course duration in hours / credit units	252 / 7	

### 1. Course outline.

Concept and theoretical foundations of logistics development. Object, subject and tasks of logistics. Concept, functions and classification of logistics systems. Purchasing logistics. Production logistics. Characteristics of transport logistics and rolling stock. Transportation in the transport logistics system. Fundamentals of inventory management and warehousing logistics. Distribution logistics. Service logistics. Economic basis for the development of logistics outsourcing. Information logistics. The essence and characteristics of reverse logistics. Financial logistics. Supply chain management.

### 2. Course learning outcomes.

Upon completion of the course, students will be expected

#### to know:

- conceptual and terminological apparatus of logistics;
- the essence and content of logistics activities at enterprises;
- tasks, principles and functional areas of logistics;
- modern concepts of logistics;
- methodological apparatus of logistics.

#### be able to:

- apply systemic and cybernetic approaches in the formation of logistics systems;
- analyze and synthesize logistics systems;
- model the functioning of the logistics system;
- manage the total costs in the field of logistics at all stages of the distribution of goods.

#### to possess a skill:

– of applying the acquired knowledge in classes to master special disciplines of the curriculum in subsequent courses, allowing students to form a comprehensive system of professional competencies.

### 3. Competencies

– Master the basics of research activities, search, analyze and synthesize information.  
 – Solve standard problems of professional activity based on the use of information and communication technologies.

- Be capable of self-development and improvement in professional activities.
- Be proactive and adapt to changes in professional activity.
- Use modern logistics tools in managing an organization.

### 4. Requirements and forms of midcourse evaluation and summative assessment.

The forms of intermediate certification are tests, test assignments, course projects and exams.