

LOGISTICS OF URBAN TRANSPORT SYSTEMS

(course title)

**COURSE SYLLABUS ABSTRACT**  
**of higher education institution**  
**speciality**

1-27 02 01 "Transport logistics"

(speciality code and name)

1-27 02 01-01 "Transport logistics (road transport)"

(specialisation code and name)

	<b>STUDY MODE</b>	
	<b>full-time</b>	<b>part-time (shortened program)</b>
Year	<b>4</b>	<b>4</b>
Semester	8	8
Lectures, hours	32	8
Practical classes (seminars), hours	32	6
In-class test (semester, hours)		8 (2 h)
Pass/fail, semester	8	8
Contact hours	64	16
Independent study, hours	44	92
Total course duration in hours / credit units	108/3	

1. Course outline

The discipline is aimed at developing students' theoretical knowledge of the basics of logistics, its principles, methods and models in the design and analysis of urban logistics systems, which include freight and passenger transportation systems, material flows in the system of resource support for various sectors of the urban economy.

2. Course learning outcomes

Upon completion of the course, students will be expected to

**know:** types and rolling stock of urban transport and its scope; laws of formation of population movements in urban and rural areas; fundamentals of organization and management principles of urban passenger and freight traffic; quality assessment indicators and quality systems for passenger transportation; fundamentals of organization and principles of management of urban material flows; principles of formation of information and computer support in solving the problems of transport logistics in urban logistics systems.

**be able to:** calculate the technical and operational performance of the rolling stock; design urban public transport routes using automated information systems;

**possess:** methods for assessing the quality of transport services to the population; methods of optimization modeling in solving transport and transport and storage problems; methods of planning the delivery of small-lot cargoes using automated information systems.

3. Competencies

SK-21 - Master the basics of traffic flow modeling in the management of urban transport systems.

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

To assess the level of knowledge of students, the following diagnostic tools are used:

- oral form: interview during individual and group consultations; reports at the conference;
- written form: tests;
- oral-written form: oral and written questioning during practical classes; surrender for a reason.