

**Thematic plan of lectures
in the discipline «Pharmaceutical logistics»
for students enrolled
in the 2020 educational program
33.05.01 Pharmacy,
specialty,
full-time education
for the 2024-2025 academic year**

№	Topics of lectures	Hours (academic)
1.	Introduction to pharmaceutical logistics.1 Object, subject, essence of logistics. The main categories of logistics. Logistics flows and logistics systems2	2
2.	Logistics strategies1. Types of logistics strategies, planning features in the logistics system, factors influencing the development of the logistics system.2	2
3.	Methods of analysis in logistics systems. 1 Methods used in logistics systems, basic models and types of modeling of processes in the logistics system. 2	2
4.	Audit and outsourcing in logistics. 1 The concept, types and procedure of logistics audit. The essence, advantages and disadvantages of outsourcing. 2	2
5.	Fundamentals of logistics management.	2
6.	Logistical costs. 1 The concept, classification and organization of cost accounting in logistics.2	2
7.	Logistics of supply.1 Procurement logistics in a wholesale and retail organization.2	2
8.	Production logistics.1 The essence and content of production logistics, the concept of production organization, the effectiveness of the logistics approach in production. 2	2
9.	Sales logistics.1 Distribution logistics2.	2
10.	Logistics of stocks.1 Inventory management systems and methods.2	2
11.	Information support for the movement of goods. 1 Logistics information systems, the concept of information technology in logistics. 2	2
12.	Transport logistics.1 The essence, the role of transport logistics, types of transport. Drawing up traffic routes.2	2
13.	Logistics of warehousing.1 Classification of warehouses, the concept of warehouse logistics, the procedure for organizing the effective functioning of warehousing logistics. 2	2
14.	Controlling the logistics system. 1 The procedure for analyzing and controlling the logistics system. 2	2

15.	Cross-functional interaction in the performance of logistical functions. 1 The concept of logistics coordination, the interaction of the logistics service with other departments. 2	2
16.	Logistics of the pharmacy warehouse, taking into account modern requirements.1 Review of regulatory documents. Organization of warehouse work: design of warehouse areas, equipment and inventory.2	2
17.	Risk management.1 Performance indicators for the use of logistics chains.2	2
Total		34

¹ -Subject

² - essential content

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Head of the Department,
Doctor of Pharmacy



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