

**Thematic plan of seminars
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**

№	Thematic blocks	Hours (academic)
Module 1. Logistics. The main categories. Logistics management of material flows		
1.	Basic concepts of pharmaceutical logistics. ¹ Purpose, objects, directions of logistics development. The main provisions of the logistics concept. ²	1
	Features of the logistics process. ¹ The role of logistics in the economy. ²	1
2.	The main logistics flows. ¹ Functional areas of logistics. ²	1
	Logistics systems. ¹ The role of the logistics operator. ²	1
3.	Factors and trends in the development of logistics. ¹ Paradigms of logistics development and their content, stages of logistics development. ²	1
	Strategy and planning in logistics systems. ¹ Types of logistics strategies, planning features. Logistics controlling. ²	1
4.	Methods of analysis in logistics. ¹ Objective of the task, stages of logistic analysis.	1
	Methods and algorithms of logistics. ¹ Modeling of processes in the logistics system. ²	1
5.	Logistics audit. ¹ The concept, types and procedure of logistics audit. ²	1
	Logistics outsourcing. ¹ The essence, advantages and disadvantages of outsourcing. ²	1
6.	Logistics process as an object of management. ¹ The structure of the logistics chain. The process of business logistics. ²	1
	Logistics management. ¹ Purpose, mission, object, tasks, functions of logistics management. Logistics management in the management system. ²	1
7.	Logistics costs. ¹ conception, classification and organization of accounting. ²	1
	Supply chain management. ¹ Tasks, supply chain monitoring. ²	1
8.	Control of knowledge, skills, skills in thematic blocks 1-7 (part 1)	1
	Control of knowledge, skills, skills in thematic blocks 1-7 (part 2)	1
Module 2. Interaction of participants in logistics chains. Risk management		
9.	Logistics of supply. ¹ Concept, functions, tasks of logistics of supply. ²	1
	Specifics of procurement logistics in wholesale and retail trade. ¹	1
10.	Production logistics. ¹ The concept of production logistics, types of production. ²	1
	Concepts of production organization. ¹	1
11.	Sales logistics. ¹ Essence, tasks of sales logistics. Logistics channels. ²	1
	Logistics of refunds. ¹	1
12.	Inventory logistics. ¹ Types of inventories and their standard. Inventory management systems. ²	1

	Methods of inventory management ¹ Basic and additional methods of inventory management ²	1
13.	Information logistics. ¹ Types of information technologies in logistics. ²	1
	Ways to automate logistics process management. ¹	1
14.	Transport logistics. ¹ The essence, the role of transport logistics, types of transport. ²	1
	Preparation of traffic routes. ¹	1
15.	Warehouse logistics. ¹ Goal, warehouse logistics strategy. ²	1
	Indicators and methods of evaluation of warehouse logistics. ¹	1
16.	Control of knowledge, skills, skills in thematic blocks 9-15	2
17.	Protection of the abstract	2
	Interim certification	2
	Total	34

¹ -Subject

² - essential content

Considered at the meeting of the Department of Organization of Pharmaceutical Business, Pharmaceutical Technology and Biotechnology «29» August 2024, Protocol No. 1

Head of the Department,
Doctor of Pharmacy



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