

## 073 MANAGEMENT

Educational and professional program «**LOGISTICS**»  
for the second (master's) degree of higher education



Guarantor of the program – **Posilkina  
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Branch of knowledge	07 Management and administration
Specialty	073 Management
The volume of the program	90 ECTS credits
The term of the program	1 years 6 months / 2 years
Form of study	full-time / part-time

Educational and professional program «**Logistics**» is aimed at developing the ability to apply the acquired knowledge, proficiency and skills in general and vocational training disciplines to solve typical tasks of the manager (administrator) of logistics in the corresponding position, including technical and technological support of logistic processes, among them pharmaceutical companies; application of modern methods and models of management of material and associated flows, and ensuring an adequate level of logistic customer service, as well as carrying out scientific and pedagogical activities; organization and design of logistic processes taking into account branch specifics; carrying out innovative research activities to increase the logistics potential and competitiveness of companies.

**Features of the educational and professional program** – an educational and professional program for the preparation of masters in logistics with academic and applied orientation, taking into account the specifics of the pharmaceutical sector of the health care system; involves the practice, including manufacturing pharmaceutical companies, pharmacy networks, wholesale pharmaceutical companies with advanced logistics infrastructure and implementing European standards for managing flow processes.

### Components of the educational-professional program

№ з/П	Name of the discipline
<b>Obligatory components of EPP</b>	
1.	Methodology and Organization of Scientific Research and Intellectual Property
2.	Organization of Public Health System of Ukraine in conditions of integration processes

3.	International Private Law
4.	Logistic Management
5.	Logistics System Design
6.	Supply Chain Management
7.	Financial Flows in Logistic Systems
8.	Information Systems and Technologies in Logistics
9.	Inventory Management
10.	Management and Economics of Quality in Pharmaceutical Enterprises
11.	Innovation Management
12.	Optimization of Logistic Decisions and Logistic Risks Management
<b>Selective components of EPP</b>	
13.	Marketing Policy of Drugs and Medical Devices Distribution
14.	Public Relations
15.	Pharmaceutical Logistics
16.	Corporate management
17.	Personnel Management
18.	Logistic Consulting
19.	Logistics of Foreign Trade in Pharmacy
20.	International Management
<b>Practical training</b>	
21.	Work placement in Speciality
22.	Pre-graduation Practical Training
<b>Attestation of applicants for higher education</b>	
23.	Preparation of master's thesis

### **Employment and competitive advantage of graduates of the program**

After obtaining a master's degree, a graduate is able to carry out the professional work specified in the SC 003: 2010 at enterprises, in organizations of pharmaceutical, veterinary, microbiological, chemical, food industry and other fields of activity and may hold the corresponding primary post:

2419.2 Logistics specialist

1475.4 Manager (administrator) on commercial activity and management

1475.4 Logistics Manager (administrator)

1475.4 Delivery Manager (administrator)

1475.4 Manager (administrator) on sale

1479 Manager (administrator) to provide other services to legal entities

1493 Manager (administrator) of quality systems

1443 Manager (administrator) on transport

1443 Manager (administrator) of transport and forwarding activity

1443 Manager (administrator) on road transport

1443 Manager (administrator) on water transport

1452 Manager (administrator) in wholesale trade and dealerships in commerce

1475.3 Manager (administrator) on market research and study of public opinion

In addition, the Master of Logistics can work in research institutes, higher education institutions and government agencies of different departments, performing the relevant functions.

**Program learning outcomes:**

1. Demonstrate the ability to effectively communicate in professional and academic circles in state and foreign languages, create and maintain business relationships.
2. To apply quantitative methods of analysis of statistical data on logistic activity of enterprises, software modeling for solving complex logistic problems of scientific and practical nature.
3. Model supply chains, improve processes and procedures for managing them, based on the current regulatory framework of Ukraine and other countries.
4. Use modern methods and information technologies for the collection and processing of scientific information on the research of logistics processes and systems, to formulate the results of scientific research, to write scientific reports, to prepare scientific publications on topical issues of logistic activity.
5. Apply scientific approaches to the formation of an effective health care system in Ukraine taking into account the complexity of logistics and technological processes inherent in the industry and the requirements of international quality standards and good practices.
6. Demonstrate skills independently and reasonably to make decisions on the formation of effective logistics chains based on the partnership interaction with the use of modern communications and taking into account the principles of corporate governance.
7. Generate ideas, innovate logistics activities, manage changes to improve the competitiveness of logistics systems of different levels.
8. To improve the methodology of stock valuation taking into account industry specifics and to select appropriate concepts for the management of pharmaceutical stocks in order to minimize the costs of their maintenance and to prevent the risk of defect occurrence in order to increase the physical availability of medicinal products.
9. Optimize the management of financial flows in logistics systems to improve the efficiency and effectiveness of their operation.
10. Apply modern information technologies for designing logistics systems on the principles of risk management and quality management.
11. To formulate new hypotheses and scientific and practical tasks in logistics field, to choose appropriate directions and appropriate methods for their solution taking into account available resources.
12. To substantiate and choose logistic strategies taking into account the influence of political, legal, social and environmental factors.
13. To conduct economic substantiation of placing of pharmaceutical production, regional pharmaceutical warehouses, to choose optimal regions of deliveries of drugs and medical products taking into account the epidemiological situation.

14. Explore existing market infrastructure and logistics potential of companies to evaluate the opportunities for quality outsourcing.
15. To be able to substantiate the strategy of innovation development of logistics companies and management of intellectual property for carrying out logistic activities, including international ones.
16. To be able to systematically analyze the logistic activity of a pharmaceutical enterprise (company) in terms of its provision of resources, to use modern methods of managing flow processes in pharmacy, taking into account the needs of the health care system.
17. To develop technological schemes of international transportations of pharmaceutical products and to coordinate them with logistic chains of product distribution on the basis of quality management.
18. To carry out advisory activity on planning of logistic activity of pharmaceutical enterprises and designing of pharmaceutical logistic systems of micro and mesolevels in order to improve the quality of medical supply of the population.
19. To choose the optimal type of transportation, to organize transport and expedition service of movement of specific groups of medicinal products taking into account the requirements of good practice (GxP).
20. To forecast the needs and to develop logistics plans of enterprises, to plan logistics costs budgets in order to optimize decisions on managing flow processes in logistics systems.
21. Efficiently design, select and recruit logistics personnel, evaluate and develop their logistics personnel, and choose and apply modern forms of logistics personnel motivation.
22. To be able to evaluate the efficiency and quality of logistics processes and logistics systems, to timely develop measures for their improvement.