



COURSE SYLLABUS

«Logistics»

Degree of higher education - Bachelor
Specialty: 073 «Management»
Educational-professional program «Management»
Year of study 3, **semester** 6
Form of education: full-time
Number of ECTS credits: 4
The language of teaching: English

Course lecturer	Reznik Nadiia, Doctor of Economic Sciences, Professor, Professor of the Department of Management named after Prof. J. S. Zavadskyi
Lecturer contact information (e-mail)	e-mail: reznik.nadiia@nubip.edu.ua
Course page in eLearn	https://elearn.nubip.edu.ua/enrol/index.php?id=1450

COURSE DESCRIPTION

The purpose educational discipline is the formation of future specialists' system knowledge and understanding of the conceptual foundations of logistics, theory and practice of the development of this area, and the acquisition of independent work skills for the assimilation of educational material related to modern methods of managing material and other flows in modern conditions. The task of the academic discipline is for students of higher education to acquire in- depth theoretical knowledge on the concept, strategy and tactics of logistics; mastering by students of methodological tools for the development and implementation of logistics tasks; mastering the skills of logistic thinking and developing proposals for improving logistics systems and their functioning mechanisms; acquisition of skills to assess the economic efficiency and consequences of the implementation of logistical decisions in the implementation of enterprise management.

Competence acquisition:

Integral competence (IC): the ability to solve complex specialized tasks and practical problems, which are characterized by complexity and uncertainty of conditions, in the field of management or in the learning process, which involves the application of theories and methods of social and behavioral sciences.

General competences (GC):

GC 4. Ability to apply knowledge in practical situations.

GC 8. Skills in using information and communication technologies.

GC 9. Ability to learn and master modern knowledge.

GC 11. Ability to adapt and act in a new situation.

GC 12. Ability to generate new ideas (creativity).

Professional (special) competencies (PC):

PC 1. The ability to define and describe the characteristics of the organization.

PC 2. The ability to analyze the results of the organization's activities, to compare them with the factors of influence of the external and internal environment.

PC 10. The ability to evaluate the performed work, ensure their quality and motivate the personnel of the organization

PC 11. Ability to create and organize effective communications in the management process.

PC 12. Ability to analyze and structure organizational problems, form reasonable solutions.

PC 16. Ability to identify and analyze new market opportunities, including the international business environment, formulate new ideas, develop projects and organize business process management.

Program learning outcomes (PLO) of the educational programme:

PLO 4. Demonstrate skills in identifying problems and justifying management decisions.

PLO 6. Demonstrate the skills of searching, collecting and analyzing information, calculating indicators to substantiate management decisions.

PLO 16. Demonstrate the skills of independent work, flexible thinking, openness to new knowledge, be critical and self-critical.

COURSE STRUCTURE

Topic	Hours (lectures / practical, seminar)	Learning outcomes	Tasks	Evaluation
8 semester				
Content module 1. Theoretical basis of logistics management in enterprises				
Topic 1. Logistics in a market economy	2/2	Understand the basic concepts and categories of "logistics". Know the stages of logistics development. Know modern concepts of logistics. Be able to define and describe types and areas of macrologistics and micrologistics; external and internal logistics.	Discussion and discussion based on the studied lecture material, independent processing of primary sources and recommended information sources. Preparation of reports and presentations for seminar classes, essays. Solving and discussing the situational task. Performing practical tasks in elearn	20
Topic 2. Characteristics of the main elements of logistics	4/4	Know the main stages of formation and development of the logistics channel. Understand the purpose of the logistics system; properties of logistics systems; limits of the logistics system. Distinguish between logistics operations and material flow; logistics operations with information flow. To know the relationship between the main logistics functions and logistics operations.		10
Topic 3. Technological processes and management of material flows	4/4	Understand the essence of a single technological process in logistics. Know the classification of material flows. Be able to apply material flow management tools.		20
Topic 4. Management of material flows in logistics systems.	4/4	Know the forms of organization of material and technical support and sales in logistics systems. Understand the main advantages of centralizing the management of logistics and sales services. Know the reasons for creating stocks; types of stocks.		20
Module test 1				30
Total for the module 1				100
Content module 2. Characteristics of the main types of logistics				
Topic 5. Procurement logistics and order placement	2/2	Know the purpose of procurement logistics; the process of managing material flows in procurement logistics. Understand the stages of supplier selection. Be able to analyze potential suppliers, evaluate the results of work with suppliers.	Discussion and discussion based on the studied lecture material, independent processing of primary sources and recommended information sources. Preparation of reports and	10
Topic 6. Production logistics	4/4	Know the main production processes, auxiliary production processes, service production processes.		15
Topic 7. Distribution logistics	2/2	Understand the composition of distribution logistics tasks at the micro and macro levels. Know the		10

		advantages and disadvantages of involving intermediaries in sales; criteria for choosing distribution channels; approaches to choosing a distribution channel.	presentations for seminar classes, essays. Solving and discussing the situational task. Performing practical tasks in elearn	
Topic 8. Logistics of storage	2/2	Know the main purpose of compounds; functions of warehouses; types of warehouses. Understand the essence of the logistics process in the warehouse.		10
Topic 9. Transport logistics	2/2	Know the tasks of transport logistics; means of transport. Distinguish between modern cargo delivery systems and types of tariffs.		10
Topic 10. Transport and forwarding logistics services	4/4	Know the classification of transport and forwarding services. Know the criteria for selecting freight forwarders and transport forwarding agents.		15
Module test 2				30
Total for the module 2				100
Total for educational work		$0,7 \cdot (R_{3M1} + R_{3M2})$ $R_{HP} = \frac{\dots}{2}$		70
Final control (credit)				30
Total for the course		$R_{DIS} = R_{HP} + R_{AT}$		100

EVALUATION POLICY

<i>Deadline and recompilation policy:</i>	Practical works that are submitted in violation of deadlines without good reason are evaluated at a lower grade. Relocation of modules is with the permission of the teachers who provide the course, if there are good reasons (for example, hospital).
<i>Academic integrity policy:</i>	Copying (copying the text) during written tests and exams is prohibited. The use of mobile devices is allowed only with the permission of the teacher during online testing and preparation of practical tasks. Independent works in the form of abstracts, reports, presentations must have correct text links to the used information sources.
<i>Visiting policy:</i>	Attendance is mandatory. For objective reasons (for example, illness, international internship) training can take place individually at a distance (online form in consultation with the dean of the faculty and the lecturer of the course).

STUDENT EVALUATION SCALE

Rating of the applicant of higher education, points	National assessment for the results of exams
90-100	excellent
74-89	good
60-73	satisfactorily
0-59	fail

RECOMMENDED SOURCES OF INFORMATION

1. Jerry Rudd. A Practical Guide to Logistics: An Introduction to Transport, Warehousing, Trade and Distribution. Publisher Kogan Page. 2019. 384 p.
2. Жарська І. О. Логістика: навчальний посібник. Одеса: ОНЕУ, 2019. 209 с.
3. Логістика: навчальний посібник для здобувачів закладів вищої освіти / Л. С. Безугла, Н. І. Юрченко, Т. В. Ільченко, І. М. Пальчик, Д. В. Воловик ДДАЕУ. Дніпро : Пороги, 2021. 252 с. URL: <http://dspace.dsau.dp.ua/jspui/handle/123456789/4959>
4. Логістика: навчальний посібник. О. В. Безсмертна, О. О. Мороз, Т. М. Білоконь, І. В. Шварц. Вінниця: ВНТУ, 2018.
5. Резнік Н. П. Логістика: навчальний посібник. Київ. НУБіП України, 2021. 200 с.
6. Федорова В. О., Блага В. В. Логістика: навчальний посібник. Харків: ФОП Бровін О. В., 2019. 153 с.