



## Syllabus of the discipline «Functional Logistics»

<b>Specialty</b>	073 "Management"
<b>Educational program</b>	6.03.073.30 "Logistics"
<b>Educational level</b>	the first (Bachelor) level of higher education
<b>Discipline status</b>	mandatory
<b>Language of teaching</b>	English
<b>Course / semester</b>	3 course, 5, 6 semester
<b>Number of ECTS credits</b>	10
<b>Distribution by types of classes and hours of study</b>	Lectures - 48 hours. Laboratory studies - 24 hours. Practical studies (seminars) - 24 hours. Independent training - 204 hours.
<b>Form of final control</b>	Exam, exam
<b>Department</b>	Department of Management, Logistics and Innovation, Kharkiv, 9A Nauki Ave., main educational building, 2th floor, office 225, phone number: +380577020265, <a href="http://www.eeml.hneu.edu.ua/">http://www.eeml.hneu.edu.ua/</a>
<b>Teacher (s)</b>	Kolodizieva Tetiana Olexandrivna, Associate Professor of Department of Management, Logistics and Innovation, Associate Professor
<b>Contact Information in the teacher and (- and in )</b>	kolodizeva@ukr.net
<b>Class days</b>	According to the schedule
<b>Consultations</b>	According to the schedule of consultations (full-time, remote); by agreement on the initiative of the applicant, individual and group
<b>The purpose of the discipline</b>	
<i>The purpose of the discipline is a detailed study of the basic logistics functions, mastering the theoretical knowledge and practical skills of organizational, technological, technical and information support of the basic logistics functions.</i>	
<b>Prerequisites for learning</b>	
<i>"Higher Mathematics", "Informatics and Computer Engineering", "Macro and Microeconomics", "Management Theory", "World Economy and International Economic Relations", "Enterprise Economics", "Management", "Logistics"</i>	
<b>The content of the discipline</b>	
Content module 1 . Logistics of materials handling	
Theme 1 . Logistics of materials handling. Materials handling in logistics networks	
Theme 2 . Containerization	
Theme 3 . Methods of identification and storage of data in logistics management	
Theme 4 . Information support of basic logistics elements : stocks and warehousing, transportation and forwarding, production, distribution	
Theme 5 . Integrated information technologies in logistics of materials handling	
Content module 2 . Transportation logistics	
Theme 6 . The essence of transportation logistics	
Theme 7 . Transportation technology	
Theme 8 . Analysis of the transport process efficiency	
Theme 9 . Cargo insurance and carrier liability	
Theme 10 . Transportation routing	
Theme 11 . The role and importance of freight forwarding	
Content module 3 . Production logistics	
Theme 12 . Production logistics and the effectiveness of the logistics approach to the management of material flows in production	



- Theme 13 . Material flow control systems in production: pushing and pulling  
 Theme 14 . Production organization and logistics.  
 Theme 15 . Choice of production location  
 Theme 16 . The main indicators of production logistics  
 Content module 4 . Inventory management  
 Theme 17 . Inventory in logistics  
 Theme 18 . Optimal inventory management systems  
 Content module 5 . Warehouse logistics  
 Theme 19 . Warehouse logistics  
 Theme 20 . Warehouse processes  
 Theme 21 . Organization of warehousing processes with logistics elements  
 Theme 22 . Cargo unit, as the logistics element  
 Theme 23 . Organization of document flow in the warehouse  
 Content module 6. Purchasing logistics  
 Theme 24. Logistics, system and form of supply  
 Theme 25. Procurement activities  
 Theme 26. Procurement and order management  
 Theme 27. Selection of suppliers and organization of supply  
 Theme 28. Technology of decision-making and documentation in the procurement organization  
 Content module 7. Sales logistics  
 Theme 29. Sales policy of the enterprise Theme  
 30. The essence of distribution logistics Theme  
 31. Distribution channels in logistics

**Logistics (software) of the discipline MS Excel**

<b>Course page on the Moodle platform (personal training system)</b>	<i>Lecture materials, presentations, educational films, laboratory works, practical tasks, tests, materials for independent work and current, final control of the discipline.</i> <a href="https://pns.hneu.edu.ua/">https://pns.hneu.edu.ua/</a>
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**Learning outcomes assessment system**

*The system of assessment of the formed competencies in students takes into account the types of classes, which according to the curriculum of the discipline include lectures and laboratory/practical lessons. Assessment of the formed competencies of students is carried out according to the accumulative 100-point system. In accordance with the Provisional Regulation "On the procedure for evaluating the learning outcomes of students according to the accumulative point-rating system " Simon Kuznets KhNEU, control measures include:*

*current control, which is carried out during the semester lectures, laboratory/practical lessons is estimated by the amount of points scored (maximum score - 60 points; the minimum score that allows a student to take the exam - 35 points);*

*modular control, which is carried out taking into account the current control for the relevant content module and aims at an integrated assessment of student learning outcomes after studying the material from the logically completed part of the discipline - the content module;*

*final / semester control, which is conducted in the form of a semester exam (maximum score - 40 points; minimum score - 25 points), according to the schedule of the educational process.*

*More detailed information on assessment is given in the technological map of the discipline.*

**Accumulation of rating points in the discipline 5<sup>th</sup> semester**

<b>Types of educational work</b>	<b>Mach number of points</b>
Active work at the lecture	<b>12</b>
Active work at the practical/laboratory classes	<b>12</b>
Individual surveys	<b>24</b>
Written control tasks	<b>4</b>
Colloquium	<b>6</b>
Research work	<b>2</b>
Exam	<b>40</b>
<b>Maximum number of points</b>	<b>100</b>



<b>Accumulation of rating points in the discipline 6<sup>th</sup> semester</b>	
<b>Types of educational work</b>	<b>Each number of points</b>
Active work at the lecture	<b>12</b>
Active work at the practical/laboratory classes	<b>12</b>
Individual surveys	<b>24</b>
Written control tasks	<b>4</b>
Colloquium	<b>6</b>
Research work	<b>2</b>
Exam	<b>40</b>
<b>Maximum number of points</b>	<b>100</b>
<b>Discipline policies</b>	
<i>Policy of observance of academic integrity: independent performance of educational tasks, tasks of current and final control of learning outcomes; references to sources of information in the case of statements.</i>	
<i>Attendance policy: active student work during lectures and practical / laboratory classes are evaluated in 1 point; absence from class makes it impossible to obtain the appropriate points. If a student misses a lecture, he/she must complete it (answer the tests).</i>	
<i>Missed practical / laboratory tasks are performed and defended by the student according to the consultation schedule. The current "unsatisfactory", which the student receives, are retaken before the final control with a mandatory mark in the journal of academic groups.</i>	
<i>Policy for the performance of tasks later than the deadline: performance and defend tasks in the discipline take place according to the work plan (technological map).</i>	
<i>If there is a significant deviation from the deadlines for the tasks, a coefficient of 0.8 is applied to the evaluation results.</i>	
<i>More detailed information on competencies , learning outcomes, teaching methods, forms of assessment, independent work is given in the Work program of the discipline</i>	

The syllabus was approved at the meeting of the department "25" in June 2021. Protocol № 19