

SYLLABUS

**INTERNATIONAL EUROPEAN
UNIVERSITY**



**EUROPEAN SCHOOL
OF BUSINESS**



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Course Name				
		Logistics		
Lecturer (s)				
		Yuliia Remyha, PhD in Economics, associate professor, professor at the Department of Management, Finance and Business Administration		
Lecturer's profile				
		https://business.ieu.edu.ua/pro-yemsh/struktura-kafedry-vykladachi/kafedry/kafedra-menedzhmentu#zzz-001		
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Discipline page				
		https://business.ieu.edu.ua/navchannia/orhanizatsiia-osvitnoho-protsesu/robochi-prohramy/bakalavrat		
Form of final control		test	def. test	exam
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



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1 Brief discipline annotation

This academic discipline is the theoretical and practical foundation of the set of knowledge and skills forming the profile of a management specialist. Mastering the theoretical knowledge of logistics, acquiring practical skills and abilities to use the principles and methods of logistics management is aimed at making students – future managers – understand the appropriate structure of process and system flow processes in activities of any enterprise. The main objective of the Logistics discipline is to provide students with a systematic view of the essence of logistics as a modern concept of crisis management and a tool for ensuring the competitiveness of both individual business entities and the entire supply chain.

2 Background for studying discipline

Subject matter of the academic discipline: systemic processes of enterprise management related to changes in the parameters of form, time and material, information and financial flows of resources.
The Logistics discipline is based on the knowledge of the following disciplines: Fundamentals of management, Marketing, Marketing research, Organizational theory, as well as is interrelated with Controlling and Operations management disciplines.

3 Goal and objectives of the discipline

The goal of teaching the Logistics discipline is to provide future specialists with system knowledge and understanding of the conceptual foundations of logistics, theory and practice of logistics development as a modern concept of efficient management of economic systems and skills in the practical use of modern methods and tools for logistics management of flow processes in the context of economic integration and globalization.

Key objectives of the Logistics discipline:

- acquisition and systematization of knowledge of the essence of interaction between logistic concepts, technologies and systems;
- learning the specific features of system and operational approaches in logistics;
- to provide students with methodical tools for making optimal management decisions in different functional areas of logistics;
- mastering skills of logistic thinking and development of suggestions to improve logistic systems and mechanisms of their functioning;
- acquisition of skills to assess the economic efficiency of logistic solutions and consequences of logistic decisions.

4 Learning outcomes

- PLO 3. To show knowledge of theories, methods and functions of management, contemporary leadership concepts.
- PLO 4. To show skills in defining problems and grounding managerial decisions.
- PLO 5. To describe the content of functional areas of organization operations.
- PLO 6. To define skills in finding, collecting and analyzing information, calculating criteria for grounding managerial decisions.
- PLO 8. To apply management methods for ensuring efficient organization operations.
- PLO 11. To show skills in analyzing the situation and carrying out communications in different areas of organization activities.
- PLO 12. To assess legal, social and economic consequences of organization functioning.
- PLO 18. To identify ecological and economic and legal consequences of enterprise functioning in the context of social steady development.
- PLO 20. To show skills in applying information, communication and innovative technologies.

5 ECTS credits

4 ECTS credits / 120 academic hours

6 Discipline structure

Content sections and topics	Amount of hours											
	full-time mode of study						part-time mode of study					
	total	including					total	including				
		1	p	sem.	ind.	i. w.		1	p	sem.	ind.	i. w.
1	2	3	4	5	6	7	8	9	10	11	12	13
Content section 1. Theoretical principles of economic analysis												
Topic 1. Logistics: the essence and main characteristics	7	2	1	-	-	4	7	2	-	-	-	5
Topic 2. Flow processes in logistics and their operational decomposition	7	2	1	-	-	4	7	-	2	-	-	5
Topic 3. Logistic systems and their particularities as an object of management	7	2	1	-	-	4	7	-	-	-	-	7
Topic 4. Logistic concepts and technologies	7	2	1	-	-	4	7	-	-	-	-	7
Topic 5. Logistic market structure and trends	7	2	1	-	-	4	7	-	-	-	-	7
<i>Test work No. 1</i>	4	2	-	-	-	2	-	-	-	-	-	-
Total per content section 1	39	12	5	-	-	22	35	2	2	-	-	31
Content section 2. Analysis of economic activity (management analysis)												
Topic 6. Logistics of supply, purchasing and order placement	8	2	1	-	-	5	10	1	-	-	-	9
Topic 7. Production logistics	9	2	1	-	-	6	11	1	1	-	-	9
Topic 8. Distribution logistics	8	2	1	-	-	5	10	1	-	-	-	9
Topic 9. Warehousing logistics	10	2	2	-	-	6	11	1	1	-	-	9
Topic 10. Stock logistics	9	2	1	-	-	6	10	-	1	-	-	9
Topic 11. Transport logistics	9	2	2	-	-	5	10	-	1	-	-	9
Topic 12. Information logistics	8	2	1	-	-	5	8	-	-	-	-	8
Topic 13. Logistic approach to customer service (service logistics)	8	2	1	-	-	5	8	-	-	-	-	8
Topic 14. Integrated logistics (SCM) and assessment of its efficiency	8	2	1	-	-	5	7	-	-	-	-	7
<i>Test work No. 2</i>	4	2	-	-	-	2	-	-	-	-	-	-
Total per content section 2	81	20	11	-	-	50	85	4	4	-	-	77
Total hours	120	32	16	-	-	72	120	6	6	-	-	108



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List of obligatory tasks

1. Logistics: the essence and main characteristics.
2. Flow processes in logistics and their operational decomposition.
3. Logistic systems and their particularities as an object of management.
4. Logistic concepts and technologies.
5. Logistic market structure and trends.
6. Test work No. 1.
7. Logistics of supply, purchasing and order placement.
8. Production logistics.
9. Distribution logistics
10. Warehousing logistics.
11. Stock logistics.
12. Transport logistics.
13. Logistic approach to customer service (service logistics).
14. Integrated logistics (SCM) and assessment of its efficiency.
15. Test work No. 2

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List of selective tasks

1. History of logistics as a business concept.
2. Potential of logistics.
3. The concept and key objectives of logistics.
4. Concept and categories as tools for scientific knowledge of the real world around us.
5. Features of the organization of flow processes in logistics.
6. Infrastructure of logistic processes.
7. Integrated logistic flows and criteria for their optimal management.
8. Logistic operations, their classification and methodology of operational decomposition of the logistic process.
9. Decision-making tools in the management of logistic processes.
10. Essential properties of logistic systems.
11. Principle institutional classification of logistic systems.
12. Criteria and approaches to assessing the performance of logistic systems.

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Discipline features

Period of teaching	Semester	International disciplinary integration	Year of study	Courses: general training/ professional training/elective
1 semester	6th semester	available	3rd year	Professional training



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10 Assessment system and requirements. General system of discipline assessment

As part of discipline teaching, one carries out current and final control of students' knowledge.

The final grade in the form of an exam is given according to the total rating of students.

QR Code: <https://ieu.edu.ua/docs/pol-mark-esb.pdf>

According to the results of current control during a semester, students can obtain 100 points maximally, the minimum sum of points allowing students to pass the discipline is 60 points.

Correlation between national and ECTS grades and student rating: QR Code: <https://ieu.edu.ua/docs/pol-mark-esb.pdf>

11 Admission to final control

The minimum amount of points that should be obtained by students for current educational activities during a semester to be admitted to the final control is 36 points. The grade for the discipline is defined as a sum of the final points for current activities and the points for the final control and is expressed due to the multipoint scale.

The grade for the discipline completing with the exam is determined as the sum of points for current learning activities (at least 36), points for individual independent work of students (no more than 6) and points for the test (at least 24).

The overall points of the discipline are 100. The total grade for the discipline is given according to the national and European scale.

The final control in the form of an exam is carried out after learning all the topics of the discipline, during the examination session.

QR Code: <https://ieu.edu.ua/docs/050.pdf>

12 Discipline policy

To ensure fruitful learning and cognitive activities of students while studying the discipline, one holds relevant lectures and seminars in the form of presentations, group work and discussion seminars.

During classes and at the University, students should respect lecturers, staff and other students, attend classes according to the schedule, come on time and not leave classes without lecturer's permission. All academic assignments should be performed by the deadlines.

The teaching staff should constantly advance their professional level, teaching skills, general culture, as well as provide students with appropriate conditions for learning educational programs according to the requirements for the content, level and capacity of education, and encourage their comprehensive professional development. Lecturers should follow the curriculum, not be late for classes, not allow any manifestations of corruption, discrimination, bullying, harassment and infringement of the students' rights.

13 Policy of absence and late task performance

Students who miss the current control for valid reasons confirmed by documents have the right to take current control within two weeks after returning to studying.

Students who have missed classes without valid reasons, have not participated in current control activities, have not liquidated academic failure are not admitted to the final semester control of this discipline. In this case, an academic staff member puts a mark 'non-admission' in the exam record.

Repeated taking of the exam in the discipline is appointed in case of accomplishing all types of educational, independent (individual) work stipulated by the working program of the academic discipline and is carried out according to the approved schedule of academic failure liquidation.

QR Code: <https://ieu.edu.ua/docs/050.pdf>



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14 Academic integrity policy

Participants in the educational process rely on the academic integrity principles QR Code: <https://ieu.edu.ua/docs/011.pdf>

15 Recommended sources of information

Primary literature:

1. Kyslyi V.M., Bilovodska O.A., Olefirenko O.M., Solianyuk O.M. Logistics. Theory and practice. – K.: Center for educational literature, 2019. – 360 p.
2. Oklander M.A. Logistics: Textbook. – K.: Center for educational literature, 2021. – 346 p.
3. Marchenko V.M. Logistics: Textbook / V.M. Marchenko, V.V. Shutiuk. – K.: Artek Publishing House, 2018. – 312 p.
4. Zubar N.M., Hryhorak M.Y. Logistics in the restaurant industry. – K.: Center for educational literature, 2019. – 312 p.
5. Krykavskiy Y. V. Logistic systems: textbook / Y. V. Krykavskiy, N. V. Chornopyska – Lviv: Publishing House of Lviv Polytechnic National University, 2019. – 288 p.
6. Dovhun O. S. Logistic controlling: study guide / O. S. Dovhun, O. A. Rusanovska, O. Y. Kobylukh, Yaroslav Havrys, L. Y. Shevtsiv. – Lviv: GALYCH PRESS, 2018. – 200 p.
7. Krykavskiy Y. V. Attractiveness of logistics in the system of enterprise controlling: monograph / Y. V. Krykavskiy, O. A. Rusanovska. – Lviv: GALYCH PRESS, 2018. – 220 p.
8. Marchenko, V. M. Logistics: workshop: study guide / V. M. Marchenko, V. V. Shutiuk, V. I. Yemtsev. – Kyiv: Igor Sikorsky Kyiv Polytechnic Institute, 2021. – 188 p.
9. Strategic Logistics Management. Stock James, Lambert Douglas. McGraw-Hill/Irwin; 4th Edition. The McGraw-Hill/Irwin Series in Marketing, 896 pages.
10. Supply Chain Logistics Management. Bowersox, Donald J.; Closs, David J.; Cooper, M.Bixby. Published by McGraw Hill Higher Education, 2006, 496 pages.
11. Logistical Management: The Integrated Supply Chain Process. Donald J. Bowersox, David J. Closs. Published by McGraw-Hill College, 1996, 752 pages.
12. Logistics Management. The Supply Chain Imperative. VINOD V. SOPLE. Published by Pearson India Education Services Pvt. Ltd, 2012, 3rd Edition, 561 pages.
13. Logistics: An Introduction to Supply Chain Management. Donald Waters. First published by PALGRAVE MACMILLAN, 2003, 369 pages.

Additional literature:

1. Remyha Yuliia. Logistics: Guide to Practical Classes and Homework Guidelines for students of specialty 073 “Management”. – K.: Comprint Printing center, 2021. – 20 pages. – Ref.: p.19.
2. Remyha Yuliia. Logistics: Guide to Practical Classes and Homework Guidelines for students of specialty 073 “Management”. – K.: Comprint Printing center, 2021. – 19 pages. – Ref.: p.18.
3. Marketing and logistics: conceptual principles and strategic decisions / S.V. Smerichevska, M.V. Zhabolenko, S.V. Chernysheva et al. Edited by S.V. Smerichevska // Study guide in diagrams and tables (for independent work of university students) – Lviv: Magnolia 2006, 2013. – 552 p.
4. Smerichevska S.V. Formation of the educational and innovative potential of logistics of the national economy: strategic imperatives [monograph] / S.V. Smerichevska – Kherson: Helvetica Publishing House, 2015. – 320 p.
5. Krykavskiy Y.V. Logistic management: Textbook – Lviv: Publishing House of Lviv Polytechnic National University, 2005. – 684 p.
6. Krykavskiy Y.V., Chukhrai N.I., Chornopyska N.V. Logistics: Compendium and workshop. – Kyiv: Condor, 2006. – 340 p.
7. Ponomariova Y.V. Logistics: Study guide: 2nd edition, revised and supplemented – Kyiv: Center for educational literature, 2005. – 328 p.



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Recommended sources of information

8. Logistics & Supply Chain Management. Martin Christopher. FT Press; 5th Edition (March 7, 2016), 328 pages.
9. Zubar N.M., Hryhorak M.Y. Logistics in the restaurant industry. – K.: Center for educational literature, 2019. – 312 p.
10. Alkema V.H., Sumets O.M. Logistics. Theory and practice. – K.: Professional Publishing House, 2008. – 272 p. (diagrams).
11. Alan Harrison, Remko van Hoek. Logistics Management and Strategy / Translated from English; Edited by O.Y. Mikheitseva. – Dnipro: Balance Business Books, 2007. – 368 p.
12. Donald J. Bowersox, David J. Closs. Logistical Management: The Integrated Supply Chain Process. 2nd edition / Translated from English. – M.: Olimp-Business CJSC, 2006. – 640 p.
13. Krykavskiy Y.V. Logistics. Fundamentals of theory. Textbook – 2nd edition, supplemented and revised – Lviv: Lviv Polytechnic National University (Information and Analytical Center 'INTELLECT+' of the Institute of Postgraduate Education), Intellect-West, 2006. – 456 p.
14. Bakaiev O.O., Kutakh O.P., Ponomarenko L.A. Theoretical principles of logistics: Textbook. In 2 volumes. – K: Kyiv University of Economics and Transport Technology, 2003. – V. 1 – 430 p.
15. Bakaiev O.O., Theoretical principles of logistics: Textbook / Bakaiev O.O., Kutakh O.P., Ponomarenko L.A. – In 2 volumes. – V. 2. – K.: Phoenix, 2005. – 528 p.
16. Chukhrai N., Hirna O. Formation of the supply chain: theory and practice. Monograph. – Lviv: Intellect-West, 2007. – 232 p.

INFORMATION RESOURCES:

1. Official website of the Logist.FM journal // Electronic resource. – Available at: <https://logist.fm/>
2. Official website of the Transport and Logistics journal // Electronic resource. – Available at: <http://translogistics.com.ua/>
3. Official website of the Distribution and Logistics journal // Electronic resource. – Available at: <https://ukrlogistica.com.ua/>
4. Official website of the Vernadsky National Library of Ukraine // Electronic resource. – Available at: <http://nbuv.gov.ua>.
5. Website of free electronic textbooks online // Electronic resource. – Available at: <https://pidru4niki.com>.
6. Official website of CHITALKA student electronic library // Electronic resource. – Available at: <http://chitalka.info>.
7. Official website of the online library of educational and scientific literature // Electronic resource. – Available at: <https://eduknigi.com>.
8. Website of the textbook electronic library // Electronic resource. – Available at: <http://studentam.kiev.ua>.

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Tips on successful study during the course

If you want to succeed in this discipline, you should be:

- **persistent, attentive and curious;**
- **creative, cheerful, and open to communication and discussions;**
- **ready to acquire information and knowledge about the subject not only during lectures but also during extracurricular activities.**

See you at classes!