

## Description of Discipline

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Title of Discipline: <i>Logistics</i>					
Semester	Duration	Type of Discipline	ECTS Credits	Academic Workload	Language of Instruction
5	150 hrs.	optional	5	50 hours of classroom training, 100 hours of self-study	Ukrainian

Learning Outcomes	Teaching Methods	Evaluation Methods
LO10. To apply theoretical knowledge to solve practical problems and interpret the results properly.	Lectures, presentation, discussion	Individual evaluation, pass-fail test
LO12. To be able to use data, provide reasoning, critically evaluate logic and draw conclusions from scientific and analytical texts in economics.	Presentation, discussion, reading, abstracting, citation	Combined evaluation, pass-fail test
LO15. To use information and communication technologies to solve social-economic problems, prepare and submit analytical reports.	Presentation, teaching using Internet technologies	Reports, evaluation using a computer, pass-fail test

Title of Discipline / <b>Logistics</b>				
Semester	Duration	Type of Discipline	ECTS Credits	Student Workload
8	150 hrs.	elective	5	40 hours of teaching, 110 hours of self-study

Requirements for Participation	Type of examination (oral, written, term paper, etc.)	Methods of teaching and learning (lectures, seminars, etc.)	Discipline Coordinator
Completed disciplines 'Business Economics', 'Organization of Production', 'Computer Science'	Written exam	Lectures, practical classes, self-study, individual assignments	M. Polenkova

Learning Outcomes
GC3. Ability to abstract thinking, analysis and synthesis. GC4. Ability to apply knowledge in practical situations. GC5. Ability to communicate in the state language both orally and in writing. GC7. Skills in the use of information and communication technologies.

GC8. Ability to search, process and analyze information from various sources.

GC9. Ability to adapt and act in a new situation.

GC11. Ability to make informed decisions.

SC1. Ability to show knowledge and understanding of the problems of the subject area, the basics of the modern economy at the micro, meso, macro and international levels.

SC7. Ability to use computer technology and data processing software to solve economic problems, analyze information and prepare analytical reports.

SC10. Ability to use modern sources of economic, social, managerial, accounting information for the preparation of official documents and analytical reports.

SC14. Ability to analyze in depth problems and phenomena in one or more professional areas, taking into account economic risks and possible socio-economic consequences.

SC20. Be able to coordinate actions and control the process of formation and use of all types of resources and the production process at the enterprise in different areas of the enterprise.

SC21. Anticipate and evaluate the impact of external and internal factors and management decisions on the effectiveness of the enterprise in planning activities and developing strategies for its development.

SC27. Ability to prepare information, choose the type of model, calculate its parameters and assess adequacy.

SC31. The ability to formulate management decisions, evaluate and choose their alternatives ”, think creatively.

PLO1. Know and use economic terminology, explain the basic concepts of micro- and macroeconomics.

PLO2. Understand the principles of economics, features of economic systems.

PLO10. Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the results.

PLO11. Identify sources and understand the methodology for determining and methods of obtaining socio-economic data, collect and analyze the necessary information, calculate economic and social indicators.

PLO12. Be able to use data, provide arguments, critically evaluate logic and draw conclusions from scientific and analytical texts on economics.

PLO14. Use regulations and legal acts governing professional activities.

PLO15. Use information and communication technologies to solve socio-economic problems, prepare and present analytical reports.

PLO16. Be able to think abstractly, apply analysis and synthesis to identify key characteristics of economic systems at different levels, as well as the behavior of their subjects.

PLO21. Be able to develop optimal plans for the enterprise as a whole and its individual units.

PLO22. Establish economic links between the elements of the enterprise management system, have the technology of integrated management of material, information and financial flows of the enterprise.

PLO23. Assess possible risks, socio-economic consequences of management decisions.

## Contents

### **MODULE 1. LOGISTIC APPROACH TO MATERIAL FLOW MANAGEMENT**

Topic 1. Logistics as a tool for developing the market economy

Topic 2. Objects of logistics management

Topic 3. Logistics concepts

Topic 4. Methodology and scientific base of logistics

### **MODULE 2. FUNCTIONAL AREAS OF LOGISTICS**

Topic 5. Logistics procurement and order placement

Topic 6. Production logistics

Topic 7. Distribution logistics

Topic 8. Reserves logistics

Topic 9. Information logistics

Topic 10. Logistics service

### Exemplary Literature

#### Primary

1. Golikov E.A. Marketing and logistics: Textbook. - 2nd ed. - M.: Publishing House "Dashkov and K0", 2000. - 412 p.
2. Johnson J.S., Wood D.F., Wardlow D.L., Murphy P.R. Modern logistics, 7th edition: transl. from English by N.A. Korzh. - M.: Williams Publishing House, 2002. - 624 p.
3. Kalchenko A.G. Logistics: Textbook - K.: 2000. - 148 p.
4. Kozlovsky V.A., Kozlovskaya E.A., Savrukov N.T. Logistics management. - SPb.: Polytechnic, 1999. - 275 p.
5. Krykavsky E.V. Logistics: compendium and workshop: Textbook. / E.V. Krykavsky, N.I. Chukhrai, N.V. Chornopyska. - K.: Kondor, 2007. - 336 p.
6. Krykavsky E. Logistics of the enterprise. Tutorial. Lviv, 1996. - 160 p.
7. Krykavsky E.V. Logistics. For economists: A textbook. - Lviv: Lviv Polytechnic National University Publishing House, 2004. - 448 p.

#### Supplementary

1. Ponomareva Yu.V. Logistics: Textbook. - Kyiv: Center for Educational Literature, 2005. - 392 p.
2. Rodkina T.A. Information logistics. - M.: Izd-vo «Ekzamen», 2001. - 288 p.
3. Rodnikov A.N. Logistics: Glossary. 2nd ed. - M.: INFRA-M, 2000. - 352 p.
4. Sergeev V.I. Logistics in business: Textbook. - M.: INFRA-M, 2001. - 608 p.
5. Transport logistics: A textbook for transport universities./ Under common. ed. L.B. Mirotin. - M.: Izdatelstvo «Ekzamen», 2003. - 512 p.

#### Web resources

1. <https://www.megos.org.ua/navczannia/logistyka.html>
2. [http://www.dut.edu.ua/uploads/1\\_201\\_33535647.pdf](http://www.dut.edu.ua/uploads/1_201_33535647.pdf)
3. <http://oklander.info/?p=305>