

INTERNATIONAL LOGISTICS

Number of credits: 3 ECTS

Course period: 3 (half) semester / 2 classes (9 lecture + 18 seminar) per week

Language of Instruction: English

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Course description

The course introduces students to basic and regulations, concepts, principles and functions of international logistics as a science, which has a great practical importance for the effective management of foreign economic activity of modern enterprise. The logic of the course "International Logistics" is in such way that students are encouraged to explore not only the theoretical basis for the organization of international logistics systems, but also their functional component (the organization of the international supply chain), supporting complex international logistics (information and service software). Such a construction of the course allows representing it in the form of a complex that reflects the complex relationship between diverse components of international logistic process.

Among the educational technologies that is to be applied during the course study can be noted that the self-study of students of theoretical material with the help of the recommended educational - methodical literature, subject clinics in the classroom in the form of lectures, consultations with teacher, as well as practical exercises . Modern multimedia and interactive learning technologies are used, as well.

Prerequisites

Modern Strategic Analysis

Course outline

Section 1. International Supply Chains. Strategy of Forming

Section 2. International Logistics and Transportation

Section 3. International Aspects of Logistics

Section 4. Golden Rules of International Logistics

Section 5. International Logistics Operations Participants

Section 6 Basics of Export and Import Activity

Section 7. International Trading and International Ocean Deep Sea Carriage

Section 8. International Container Carriage

Section 9. International Railway and Road Carriage

Assignments

Sample test:

1. International Logistics is mainly

- Strategy;
- Tactics.

2. Logistics is the effective management of following flows:

- Resources;
- Labor;
- Finances;
- Distribution;
- People;
- Information

3. Such way in logistics as Functional optimization was operated in:

- 1950s
- 1960s
- 1970s
- 1980s

4. Parts of logistic process are:

- Supply
- Distribution
- Production
- Financing

5. What kind of logistics has minimal financial risks:

- National
- International

6. What kind of logistics has maximal transportation risks:

- National
- International

7. International logistics system operates on the territory of

- One country
- Two countries
- Two or more countries

8. Factors of international logistics development are:

- Political
- International
- Physical
- Technical
- Financial
- Juridical

9. General way to enter to international market is:

- Importing;
- Exporting;

Licensing of new products

10. Logistics management is more specifically focused on providing product:

- Punctuality;
- Usability;
- Availability

11. Which modes of transportation are natural?

- Water;
- Canal;
- Air;
- Road

12. The youngest and the most rapidly growing mode of transportation is:

- Water;
- Railroad;
- Road;
- Air

13. High-capital investment and low-cost mode way of transportation is:

- Water;
- Railroad;
- Road;
- Air;
- Pipe

14. What is the LIS?

- Local Information System
- Logistic Information System
- Logistic Inventory System
- Local Inventory System

15. Queuing theory in port operation based on following hypothesis:

- The average time of vessel processing on various piers is the same and piers are interchangeable
- The average time of vessel processing on various piers is the different and piers are interchangeable
- The average time of vessel processing on various piers is the same and piers are changeable

16. What number of subsystems the port system includes?

- 3
- 4
- 5
- 6

17. Are towboats and pilots creates the one of port subsystems?

- Yes
- No
- Depends on port authority decision

18. Pier possibility of using depends on:

- Type of ship or vessel
- Type of cargo
- Cargo loads
- Vessel draft of water

19. What main factor determines wharfage?

- Type of vessel (e.g. bulk ship or container ship)
- Time of ship processing
- Dockers' salary

20. What following topic is not included in set of logistics?

- Supply Logistics
- Production Logistics
- Quality Logistics
- Distribution (Marketing) Logistics
- Storage Logistics
- Information Logistics

21. Logistics Objectives are:

- Time minimization
- Cost minimization
- Profit maximization

22. Mark the 'six golden rules' of logistics

- Appropriate cargo
- In right place
- In right warehouse
- In right time
- In appropriate quantity
- Appropriate quality
- With minimal costs
- With maximal profit

23. Logistics flows are:

- Information flow
- Cargo flow
- Material flow
- Financial flow
- Documents flow

24. Free economic zone is the territory with:

- Low rate of taxes and custom duties
- Low rate of labour costs
- High rate of profit

25. Structure of world container quantity

- 95 % multipurpose and 5 % specialized
- 85 % multipurpose and 15 % specialized
- 75 % multipurpose and 25 % specialized

Examination

The examination will be for a duration of 1 ½ hours. The examinations will include test of 20 questions, short essay associated with material and two tasks connected with INCOTERMS.

This course adopts a 100-point system for final marking.

Course evaluation

50% attendance, 50% examination.

Core reading

1) Waters D. Logistics: An Introduction to Supply Chain Management. Palgrave Macmillan – 2003, 364 pages

- 2) Simchi-Levi D., Chen X., Bramel J. The Logic of Logistics: Theory, Algorithms, and Applications for Logistics Management. Springer, 2014. - 454 p. 43 illus., 18 illus. in color. - 3rd ed.
- 3) Lambert D.M., Stock J.R., Ellram Li.M. Fundamentals of Logistics Management. McGraw-Hill/Irwin – 1997, 640 pages
- 4) Bookbinder J.H. (Ed.) Handbook of Global Logistics: Transportation in International Supply Chains. Springer, 2012. — 553 p. 102 illus., 83 illus. in color
- 5) Blanchard D. Supply chain management: best practices. Wiley – 2010, 302 pages

Recommended reading

- 1) Bozarth C., Handfield R.B. Introduction to Operations and Supply Chain Management. Prentice Hall – 2007, 600 pages, 2nd edition
- 2) Cousins P. et al. Strategic Supply Management: Principles, Theories and Practice. Financial Times/ Prentice Hall, 2008. — 336 p.