



APPROVED:
Vice-rector for study and methodical work
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Организация цепей поставок на глобальных рынках / Supply chain management in global markets

Syllabus of the course

Specialty	38.04.02 Management
Specialization	International Business Administration
Level of higher education	Master's Degree
Form of training	Full-time
Year of enrolment	2022
Authored by:	
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Total number of hours	108	Form of final attestation: Graded test: semester 3
incl:		
contact work	28	
self-study	80	
practical training	0	
control hours	0	

Hours distribution:

Semester:	3
Type of classes	Hours
Contact hours	16
Practical training	12
Laboratory work	
Total contact hours	28
Self-study	80
Control hours	0
Total academic hours	108
Total credits	3

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1. LEARNING OBJECTIVES

Objective:	The study of the conceptual foundations and the formation of practical skills in supply chain management in global markets.
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2. COURSE PLACE IN THE PROGRAMME STRUCTURE

The course B1.V Supply chain management in global markets refers to the part formed by the participants in the educational relations of Block 1.

3. EXPECTED LEARNING OUTCOMES

Code and name of graduate competence	Code and name of the competence achievement indicator	Expected learning outcomes
PC-4 – Able to develop functional strategies for an international company and ensure their implementation	PC-4.2 – Leads the development of logistics strategies in international markets, plans the configuration of the global production chain	<p>To know: the basic concepts, principles and approaches of supply chain management.</p> <p>To be able to: analyze logistics processes within the organization and international supply chains, identify problems in the activities of departments, organizations and networks, make reasonable management decisions on the formation and management of supply chains.</p> <p>To possess: the methods of planning, evaluating and monitoring the effectiveness of organizations and relationships in supply chains.</p>

4. COURSE STRUCTURE AND CONTENT

Code and name of the topics	Course content	Academic hours			
		Contact work			Self-study
		Lectures	Practices	Workshops	
Topic 1. Conceptual foundations of supply chain management	The subject essence of the concept of supply chain management (SCM). The evolution of the concept of supply chain management. Classification of supply chains. Integration of business processes in supply chains. Functional areas of supply chain management. Object decomposition of the supply chain. Process decomposition of the supply chain. Functional characteristics of supply chain participants. Types of links between participants in supply chains. Principles for determining the	3	2		15

	structure of supply chains. Network structure of supply chains. Boundaries and structural dimensions of the network. Distribution channels and their impact on the configuration of supply chains.				
Topic 2. Design and integrated planning of supply chains in international business.	Stages of supply chain management: supply chain design; organization of intercompany cooperation and coordination; modeling and reengineering of key business processes; building an integrated planning and management system; development of the concept of information technology. Designing a network structure of supply chains in international business: participants in supply chains; structural coordinates of the network; types of links between processes within supply chains. Factors considered when designing supply chains. The essence of integrated supply chain planning in international business. Concepts of integrated interaction of participants in supply chains. Interfunctional and interorganizational coordination methods in supply chains to reduce uncertainty. Types and methods of planning in supply chains. Principles and tools of supply chain planning. Essence and characteristics of SCOR-model and DCOR-model. The role and functions of information technology in the design and integrated planning of supply chains.	4	2		20
Topic 3. Supply chain management strategies in international business.	Competitiveness of supply chains in international business. The concept, purpose and objectives of strategic planning in supply chains. Strategic planning process. The main supply chain management strategies, the relationship with the corporate strategy and functional strategies of the focus company. Stages of developing a supply chain management strategy. Achieving strategic fit in supply chains. Reactivity/efficiency trade-off. Supply chain performance indicators.	3	4		15
Topic 4. Integration of customs and transport logistics technologies in international supply chains.	Content characteristics of logistics processes in international supply chains. Storage and transportation of goods under customs control. Technologies and systems for traceability of goods in international supply chains. Essence and goals of customs logistics. Functional field of customs logistics in international supply chains. Logistics technologies for customs declaration of goods in international supply chains. Features of declaring goods of various names contained in one consignment. Incomplete customs declaration of goods. Periodic customs declaration of goods. Periodic temporary declaration of goods of the Eurasian Economic Union. Preliminary customs declaration of goods. Release of goods before filing a customs declaration. Technology "remote release". Dry port technology. Special simplifications in customs: types and features of application in international supply chains. Systems and technologies for paying customs duties in international supply chains. Technology of "remote payment of customs duties". Organization of	4	2		10

	multimodal transportation of goods in international supply chains. Intermodal and combined technologies of cargo transportation. Multimodal transportation of goods: essence and basic principles.				
Topic 5. Models and methods of managing logistics processes in supply chains.	Types and content of models and methods in logistics and supply chain management. Economic-mathematical, information models from the position of logistics systems management. Models of the strategic level and tasks of designing effective supply chains. Object, functional, process models in logistics and supply chain management. Standard models of business process management in supply chains. Analytical models and algorithms in tasks of functional logistics. Numerical methods for solving problems. Opportunities to use business-analytical technologies in the development and support of management decisions in logistics and strategic supply chain management. Information approach, the concept of knowledge bases and knowledge management in logistics and supply chain management. Data Mining Technologies. Technologies for recognition of important information (Data Mining).	2	2		20
Control hours:					0
Total hours:		16	12	0	80

5. TEACHING AND LEARNING TOOLS OF THE COURSE

5.1 Recommended literature

Bibliographic description of the publication (author, title, type, place and year of publication, number of pages)	Digital resources
Smirnova E. A. Upravlenie tsepiami postavok v mezhdunarodnoi trgovle [Supply chain management in international trade]. Saint Petersburg, Saint Petersburg State University of Economics, 2018. - 74 p.	http://opac.unecon.ru/elibrary ... 80%D0%BD%D0%BE%D0%B2%D0%B0.pdf
Dmitriev, A. V., SHapovalova I. M., ZHuk A. E. Proektirovanie sistem dostavki [Designing Delivery Systems]. Saint Petersburg, Saint Petersburg State University of Economics, 2019. - 98 p.	http://opac.unecon.ru/elibrary ... B8%D1%81%D1%82%D0%B5%D0%BC.pdf
Sergeev V. I. Upravlenie tsepiami postavok [Supply chain management]. Moscow, Yurayt Publishing, 2019. - 480 p.	https://urait.ru/bcode/432151
Gviliia N. A. Strategicheskoe planirovanie tsepei postavok [Supply chain strategic planning]. Saint Petersburg, Saint Petersburg State University of Economics, 2015. - 74 p.	http://opac.unecon.ru/elibrary ... B2%D0%B0%D0%BD%D0%B8%D0%B5.pdf

5.2 List of software (including national production)

- 7-Zip
- Microsoft Office Professional

5.3 List of reference systems and modern professional databases

№	Name of reference systems and professional databases
1.	Digital library Grebennikon.ru – www.grebennikon.ru
2.	Science Digital Library eLIBRARY – www.elibrary.ru
3.	Science Digital Library КиберЛеника – www.cyberleninka.ru
4.	Database ПОЛПРЕД Справочники – www.polpred.com
5.	Database OECD Books, Papers & Statistics on the platform OECD iLibrary www.oecd-ilibrary.org
6.	Legal reference system КонсультантПлюс (installed resource UNECON or www.consultant.ru)
7.	Legal reference system «ГАРАНТ» (installed resource UNECON or www.garant.ru)
8.	Information and referral system «Кодекс» (installed resource UNECON or www.kodeks.ru)
9.	Digital library system BOOK.ru - www.book.ru
10.	Digital library system ЭБС ЮРАЙТ – www.urait.ru
11.	Digital library system ЗНАНИУМ (ZNANIUM) – www.znanium.com
12.	Digital library UNECON – opac.unecon.ru

6. TECHNICAL FACILITIES

There are special rooms for lectures, seminars, coursework, group and individual consultations, current and interim assessments, as well as rooms for self-study.

The premises are equipped with equipment and teaching aids.

The rooms for students' independent work are equipped with computers with Internet connection and access to the university's electronic learning environment.

Name of classroom	Classroom location
Classroom 2065 Training classroom (for lecture- and seminar-type classes, coursework, group and individual consultations, current control and intermediate attestation), equipped with a multimedia system. Specialised furniture and equipment: Educational furniture for 80 seats, teacher's workplace, marker board - 1 pc, rostrum 1 pc, chair 2 pcs., Personal computer assembled Lenovo type 1 (Core I3 2100 + monitor Acer V193) - 1 pc., an interactive projector Epson-EB-485Wi - 1 pc. Sets of display equipment and visual aids: multimedia applications for lecture courses and practical sessions, interactive teaching and visual aids.	191023, St. Petersburg, Griboedova canal, 30-32, lit. A, B, P
Classroom 0003 Computer classroom (for practice-type classes, coursework with the use of computer technology). Equipped with a multimedia system. Special furniture and equipment: Educational furniture for 25 seats, teacher's workplace, table 1 pc., chalk board (1 sectional) - 1 pc., marker board - 1 pc, rostrum 1 pc, rack hanger - 3 pcs., jalousie - 2 pcs., Computer I5-7400/8Gb/1Tb/DELL S2218H - 24 pcs., ScreenMedia OP78 interactive whiteboard with mobile stand and projector mount - 1 pc. Sets of display equipment and visual aids: multimedia applications for lecture courses and practical sessions, interactive teaching and visual aids.	191023, St. Petersburg, Griboedova canal, 30-32, lit. A, B, P

7. METHODOLOGICAL GUIDELINES FOR STUDENTS

The following documents should be made available to the trainee before the start of the course:

- training and methodological documentation;
- local normative acts regulating the main issues of the organisation and implementation of educational activities, including those regulating the procedure for current monitoring and interim assessment of students;
- the schedule of consultations of the teaching staff.

The level and depth of mastering the discipline is determined by the active and systematic work of students in lectures, seminars, independent work, including in terms of identifying the most significant and relevant problems for further study. A special condition for qualitative mastering of the discipline is an effective organisation of work, which allows distributing the academic workload evenly in accordance with the schedule of the educational process.

When preparing for classes, students have the opportunity to attend consultations with the staff of UNECON according to the timetable set out in the schedule of consultations.

The students' in- and out-of-classroom work should aim to form:

- the fundamentals of the learner's world view and scientific understanding;
- basic knowledge relevant to the training area and the declared professional field, forming the target and professional basis for training;
- professional competences oriented towards the needs of the labour market;
- an individual trajectory by mastering a unique set of professional competences that complement the learner's competence model, through a focus on specific professional specialised areas of knowledge defined by labour market representatives;
- meta-skills for learners, such as teamwork and leadership, data analysis, digital skills, project design and implementation, intercultural interaction.

8. SPECIFICATIONS FOR TEACHING DISABLED PERSONS

Students with disabilities, if necessary, are taught on the basis of an adapted work programme using special teaching methods and didactic materials that take into account the particularities of their psychophysical development, individual capacities and health status.

In order for disabled persons and persons with disabilities to master the curriculum, the University shall ensure that:

- for the visually impaired and visually impaired: availability of information on the timetable in accessible places and adapted forms for learners who are blind or visually impaired; presence of an assistant to assist the learner as needed; production of alternative formats of teaching materials (large print or audio files);

- for the hearing-impaired and hearing-impaired: adequate sound reproduction of information;

- for persons with disabilities and persons with mobility impairments: the possibility of unimpeded access for students to classrooms, restrooms and other areas of the department, as well as their stay in these areas.

Learners with disabilities and persons with disabilities are provided with printed and/or electronic educational resources in forms adapted to their disabilities. The education of students with disabilities may be organised with other students or in separate groups or organisations.

ASSESSMENT RESOURCES

1.1 Control tasks and assignments for interim attestation

Is not provided by the work programme of the discipline.

1.2 Topics for written task

Is not provided by the work programme of the discipline.

1.3 Interim checkpoints

Number	Type	Method of conduct	Topic number
1	Test	written	1-3
2	Case	verbally	3-5
3	Monitoring	written	1-5

1.4 Other assessment objects

Is not provided by the work programme of the discipline.

1.5 Self-study

Name of self-study	Topic number
Homework	1
Solving professional tasks	2-3
Reports preparation	2-3
Lectures and practical classes preparation	1-5
Working with analytical databases, regulatory documents, reference literature	1-5

1.6 Grading scale

Scales of assessment and procedures for assessing learning outcomes of the discipline are regulated by the Regulations on the current control of progress and interim attestation of students in higher education programmes and the Regulations on the scoring and rating system.

A grading and rating systems are used to assess the learning outcomes of the discipline:

The final control of the discipline is an examination (or a differentiated test), the final grade being formed in accordance with the scale given in the table below:

Points	Grade
≤ 54	fail
55-69	satisfactory
70-84	good
≥ 85	excellent

Grading scale

2 (points to 54)	Demonstrates a lack of understanding of the problem. Many of the requirements of the assignment are not met. An initial perception of the material is demonstrated. The work is incomplete and/or plagiarized.
3 (points 55-69)	Demonstrates a partial understanding of the problem. Most of the requirements of the task have been met. Mastery of the elements of the assigned material. The material is mostly clear and coherent.
4 (points 70-84)	Demonstrates considerable understanding of the issue by the discipline. All requirements of the assignment are fulfilled. The content of the completed tasks is disclosed and examined from different perspectives.
5 (points 85-100)	Demonstrates full understanding of the problem. All requirements of the assignment are fulfilled. Demonstrates proficiency in the discipline. The completed assignments are holistic, complete, structured, present different points of view and demonstrate creativity.