The Federal State Budgetary Educational Institution of Higher Education

“**THE RUSSIAN PRESIDENTIAL ACADEMY OF NATIONAL ECONOMY AND PUBLIC ADMINISTRATION**”

The Institute of Business Studies
Department of International Business and Business Administration

VALIDATED BY
IBS Academic Council
Protocol № 5
dtd "26" September 2017 г.

MODULE SYLLABUS

INTERNATIONAL LOGISTICS

38.03.02 Management

International Management

Bachelor

Full-time

Intake Year – 2018

Moscow, 2017

Author(s):
Associate Professor of the Department of Management, PhD, Emil Martirosyan

Dean of the DIBBA IBS
PhD, Professor I.V.Kolesnikova

CONTENTS

1. The list of the module's intended learning outcomes, mapped to the learning goals and objectives of the educational program.

2. The module's workload in credit units with the number of academic or astronomic contact hours, distributed among different types of learning experiences, students' independent study workload and the module's place in the program's structure and curriculum.

3. Summary of the module's content by topics (section) with the amount of academic or astronomic hours per topic (section) and types of student learning experiences. The module's structure.

4. Assessment material and tools for current and final module assessment.

5. Learning guidance for the students

6. The lists of essential and further reading, necessary for studying the module, a list of recommended internet sources, teaching materials and guidelines for students' independent study.

7. The necessary equipment and technology used for implementing the educational process for the module, including a list of software and information databases if applicable.

1. The list of the module's intended learning outcomes, mapped to the learning goals and objectives of the educational program.

1.1. **Module "International Logistics" ensures the development of the following competences taking into account the stage of development**:

Competence code	Competence name	Stage of competence development code	Name of the competence development stage
PK OS-23	The ability to participate in the development of a strategy for international markets entry or launching a product on international markets.	PK OS -23.2	Developing the basic skills of solving typical problems related to operations on the global markets; developing a logistics system of an organization for its international economic activities.

Upon completion of the module the students should have the following competences

General work functions	Stage of competence development code	Learning outcomes
Ability to conduct market analysis to achieve competitive advantages. Ability to perform management and business functions in an international environment.	PK OS -23.2	Knowledge level: • global logistics models; • the main principles of building a goods distribution chain on the global market; • the main participants of a goods distribution chain; • the main technologies of export-import operations;
		Competence level • estimate operational costs in the value chain; • determine the reasons of logistics KPI deviation and make rational decisions to correct the situation; • use the main IT integrators and solutions in managing logistics.
		Skills level • building goods distribution chains on global markets; • Negotiating with key participants of a goods distribution chain; • Assess the efficiency with the help of management KPIs (transportation, logistics document flow)

2. The module's workload in credit units with the number of academic or astronomic contact hours, distributed among different types of learning experiences, students' independent study workload and the module's place in the program's structure and curriculum.

Workload

The program curriculum specifies the following workload for the module "International Logistics":

- Total workload – 2 credit units,
- Contact hours – 24 hours, including 12 lecture hours and 12 seminar hours;
- Independent student work – 48 hours.

The module's place in the educational program's structure

The module "International Logistics" is designed for Year 3students, and is delivered in Semester 6. Prerequisite modules:

- World economy: applied aspects
- International management
- International economic relations
- Foreign trade operations

Final module assessment – test.

3. Summary of the module's content by topics (section) with the amount of academic or astronomic hours per topic (section) and types of student learning experiences. The module's structure.

(full time study format)

Item N	Topic/section name	Module workload, hours						Current and final module assessment
		Total	Contact hours and learning experience types				Self study	
			Lectures	**Lab work**	**Seminars**	**Course paper**		
Topic 1	Logistics as a management system. The main notions of logistics, its role in an enterprise's activities.	11	3		3		5	Q
Topic 2	Global trends in modern logistics.	14	2		2		10	E
Topic 3	Key indicators of logistics activities.	16	2		2		12	T
Topic 4	New technologies in logistics management	16	2		2		12	Q
Topic 5	Russia in the international logistics system. Logistical centers, transit fields, transit, customs technologies.	15	3		3		9	D

Item N	Topic/section name	Module workload, hours						Current and final module assessment
		Total	Contact hours and learning experience types				Self study	
			Lectures	**Lab work**	**Seminars**	**Course paper**		
Final module assessment								**test**
Total:		**72**	**12**		**12**		**48**	

** – forms of current assessment:*
Quiz (Q)
Test (T)
Essay(E)
Discussion (D)

Summary of Module Content

Topic 1. Logistics as a management system. The main notions of logistics, its role in an enterprise's activities.

Introduction into international logistics, the role of logistics in an enterprise's activities, the main functions of logistics and the structure of operational costs, the main logistics strategies and operational models.

Topic 2. **Global trends in modern logistics.**

Global trends in logistics management, such as informatization (main software integrators), management of logistical processes, decentralization of cargo flows, hub system of logistics, energy saving technologies, a new competence level of personnel.

Topic 3. Key indicators of logistics activities.

Integral efficiency indicators in logistics - KPIs and KOIs, estimation of integral indicators of the service level of logistics at an enterprise.

Topic 4. New technologies in logistics management

New technologies of optimization of operational costs such as replenishment, cross docking, tolling, cross shifting, MIT.

Topic 5. Russia in the international logistics system. Logistical centers, transit fields, transit, customs technologies.

Macro-logistics and the place of Russia in the global logistical system, Transit fields, transit potential, new customs technologies.

4. Assessment materials and tools for current and final module assessment

4.1. Forms and methods of current assessment and final module assessment.

4.1.1. The following methods of current assessment are used in "International Logistics" module:

Topic	**Current assessment methods**
Topic 1. Logistics as a management system. The main notions of logistics, its role in an enterprise's activities.	Quiz
Topic 2. Global trends in modern logistics.	Essay

Topic 3. Key indicators of logistics activities.	Test
Topic 4. New technologies in logistics management	Quiz
Topic 5. Russia in the international logistics system. Logistical centers, transit fields, transit, customs technologies.	Discussion

4.1.2. The test is administered in a written form.

Materials for current module assessment.

Sample assessment materials for Topic 1

Quiz questions

- Name the main functions of logistics management;
- The main challenges and objectives of modern logistics in international business;
- Describe Just-in-Time technology and Wilson formula in the system of stock management;
- Modern logistical IT integrators;
- Fixed and variable logistics costs of an enterprise.

Sample assessment materials for Topic 2

Essay topic: "Main trends in global logistics management"

Sample assessment materials for Topic 3

Test: "Integral indicators of the level of logistical service of an enterprise "

A student is given a set of general data that he has to use in a formula and determine the integral indicator of the service level.

Sample assessment materials for Topic 4

Quiz questions

- Explain Code-Sharing technology;
- Give a definition and explain the meaning of cross-docking;
- Define and describe the mechanism of replenishment at an enterprise;
- Explain the essence pf M-I-T technology;
- Describe and explain the importance of modern tracking systems with the example of Track&Trace.

Sample assessment materials for Topic 5

Discussion questions

- Ways of increasing transit potential of Russia;
- New opportunities for improving export-import operations by using Russian sections of international transit corridors;
- Optimization of transportation tariff in export-import operations.

4.3. Assessment tools for final module assessment

4.3.1. The list of competences with the stages of their development in the process of the educational program

Competence code	Competence name	Stage of competence development code	Name of the competence development stage
RK OS -23	The ability to participate in the development of a strategy for international markets entry or launching a product on	RK OS -23.2	Developing the basic skills of solving typical problems related to operations on the global markets; developing a

	international markets.		logistics system of an organization for its international economic activities.

4.3.2 Indicators and criteria for assessing competences at different stages of their development

Stage of competence development	Indicator	Criterion
PK OS – 23.2	• ability to create a model of a logistics system for import-expert operations, calculate and manage operational costs of international logistics operations • Ability to identify efficient forms of cooperation with international partners to manage operating flows.	- Demonstrates knowledge of new; technologies in international logistics - Demonstrates knowledge of the main transport and transit corridors; - Demonstrates knowledge of the main trends in logistics; - Is able to define the main steps in developing a logistical solution; - Demonstrates knowledge about operational logistics flows management based on modern IT integrators.

4.3.3 Samples of test assignments and other materials (typical assessment materials) used for assessing knowledge, competences and skills and/or activities the stages of competences development in the process of the education program progression.

Sample questions to the test

1. Logistics as a management system function. Definition of logistics, elements and its role in the system of corporate management.
2. The history of logistics. The evolution of logistics - 4 stages of transformation.
3. Macro- and micro- logistics. The notion of virtual logistics - the main definitions and elements.
4. Logistics infrastructure. The main types of stock, transportation, cargo.
5. Types of logistics management – Backward, Inward, Forward.
6. FLAPPING technology.
7. Logistical business models.
8. Logistical business strategies; In-source ; Co-source ; Out-source
9. Just in Time, QRM technologies.
10. Wilson formula – optimal order size.
11. Global tendencies in modern logistics - challenges of the 21st century.
12. Key performance indicators of logistics function. Calculations of OOS indicator.
13. Key operational indicators of logistics – minimal order size, delivery time.
14. Operational business models – 1PL, 2PL, 3PL, 4PL
15. The notion of a logistical provider
16. The nature and causes of logistical defects

17. Replenishment as a system of stock renewal planning and regularity of deliveries
18. Code-sharing technology – definition, role and types
19. Full operations clusters - FOC) – definition, components, its role in business development
20. Documentation support of logistics.
21. Stock and transportation flows management. HILTU system, types of deliveries: revolving, reverse, “Pipe-Line”.
22. Embark off zone.
23. Incoterms 2000 – the main delivery terms
24. Logistical centers, their role in the development of macro-logistical flows.
25. Russian transportation corridors – Transsib, North-South, Traseka.
26. Specialized IT technologies in logistics.

Converting points into the traditional grading scale:

100 point scale	5 point scale	Pass/fail
85-100 points	Excellent	Pass
70-84 points	Good	Pass
55-69 points	Satisfactory	Pass
Less than 55 points	Unsatisfactory	Fail

4.4. Learning guidelines, explaining the processes used for assessing knowledge, competences and skills and/or activities at different stages of competence development in the process of the education program progression

The final module assessment is conducted in the form of a written test. Students are offered to choose 2 questions on a random basis. Time allocated for answering the questions is 90 minutes.

5. Learning guidelines for students

While studying Topic one pay attention to the different classifications of operational costs in domestic and foreign sources.

While preparing for the seminar on Topic 2 it is required to study the trends in logistics management of the end of the 80s and compare them to the present situation and analyze the main sources of logistics system transformation.

Search the internet for information on cross-docking, analyzed key its characteristics.

For preparation for the exam students should study the main technologies of logistics management, with special attention to the KPIs of operational logistics.

6. The lists of essential and further reading, necessary for studying the module, a list of recommended internet sources, teaching materials and guidelines for students' independent study.

6.1 Essential reading

1.Cherenko V.I. The basics of international logistics: a study guide (an electronic source) - Saint Petersburg, 2016. Accessible at: https://e.lanbook.com/book/94679

6.2 Further reading

1.Nerush Yu.M. Logistics: a textbook for bachelor students. — 5-t edition.— M. : Uraite press, 2016. — 559 p. —ISBN 978-5-9916-3972-9. Accessible at: 50BEB020-B02C-4AA9-A0AE-42AB1F836CBF

6.3 Self-study guides

Not used

6.4 Legal normative documents

Not used

6.5 Internet sources

- http://www.mintrans.ru/
- http://www.transsib.ru/
- http://www.mps.ru/
- http://www.rzd.ru/
- http://www1.oecd.org/cem/
- http://www.madi.ru/logistics/ccl/.
- www.sole.org www.elalog.org - ELA. Европейская Логистическая Ассоциация.
- www.oecd.fr/cem/.
- www.iru.org
- www.asmap.ru
- www.cranfield.ac.uk
- www.baltics.ru.
- www.editrans.ru.
- www.loginfo.ru.
- www.natr.ru
- www.ropnet.ru/magpack/.
- http://www.transportweekly.com
- http://www.transnet.spb.ru
- http://www.logist-ics.ru.
- http://www.e-xecutive.ru/discussions/forum_10677/

6.6 Other sources

1. Supply Chain Management: Strategy, Planning & Operation (Sunil Chopra & Peter Meindl, 5-th Edition, 2012, Hardcover)
2. International Logistics (SE., Donald F/Wood, Anthony Barone, 2002)
3. Supply Chain Management (SE., Sunil Chopra, Peter Meindl, 2003)
4. Supply Chain Management (Stanley E. Fawsett, 2006)
5. Principles of SCM - A balanced approach (Joel D. Wisdner, 2005)

7. The necessary equipment and technology used for implementing the educational process for the module, including a list of software and information databases if applicable

- a notebook and multimedia projector
- flip chart