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**FEDERAL STATE AUTONOMOUS EDUCATIONAL INSTITUTION OF
HIGHER EDUCATION PEOPLES' FRIENDSHIP UNIVERSITY OF
RUSSIA NAMED AFTER PATRICE LUMUMBA
RUDN UNIVERSITY
Faculty of Economics**

COURSE SYLLABUS

**FRAGMENTATION OF PRODUCTION AND CROSS-BORDER
VALUE CHAINS**

**Recommended by the Didactic Council for the Education Field of
38.03.01 Economics**

(code and name of the direction of training/specialty)

**The course instruction is implemented within the professional education programme of
higher education**

International Economic Relations
(name (profile/specialization))

1. COURSE GOALS

The purpose of mastering the discipline "Fragmentation of production and cross-border value chains" is to form students' orientation skills in the problems of international production, the activities of TNCs to create cross-border value chains and the ability to use the knowledge gained in practice.

2. LEARNING OUTCOMES

The development of the discipline "Fragmentation of production and cross-border value chains" is aimed at the formation of the following competencies (parts of competencies) among students:

Table 2.1. List of competencies formed by students during the development of the discipline (results of the development of the discipline)

Competence code	Competence	Competence indicators
PC-2	Able to participate in the implementation of foreign economic projects	PC-2 Able to work in a multicultural environment and in an international team
		PC-2 Able to professionally competently analyze and explain the position of Russia
		PC-2 Know how to use the techniques of establishing professional contacts and developing professional communication, including in foreign languages
PC-4	Able to analyze and make forecasts of the conjuncture of world markets for goods and services	PC-4 Able to professionally and competently analyze the situation on world markets
		PC-4 Know how to use research results for forecast

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The discipline "Fragmentation of production and cross-border value chains" refers to the part formed by the participants of the educational relations of the block Б1.Б.ДВ.09.01.

Within the framework of the educational program, students also master other disciplines and/or practices that contribute to achieving the planned results of mastering the discipline "Fragmentation of production and cross-border value chains".

Table 3.1. The list of the components of the educational program that contribute to the achievement of the planned results of the development of the discipline

Code	Competence	Previous disciplines/modules, practices*	Subsequent disciplines/modules, practices*
PC-2	Able to participate in the implementation of	World commodity markets; Foreign Economic Activity;	Foreign economic activity of Russian regions; World energy market;

Code	Competence	Previous disciplines/modules, practices*	Subsequent disciplines/modules, practices*
	foreign economic projects	International logistics; International economic integration	Project-technological internship; Undergraduate practice; Final state examination procedures; Degree thesis procedures
PC-4	Able to analyze and make forecasts of the conjuncture of world markets for goods and services	Foreign Trade Policy; International trade in high-tech products and technology transfer; World commodity markets; International financial markets; Global food security	Foreign economic activity of Russian regions; World energy market; Undergraduate practice; Final state examination procedures; Degree thesis procedures

4. COURSE WORKLOAD AND LEARNING ACTIVITIES

The total laboriousness of the discipline «Foreign economic activity of Russian regions» is 2 credits.

Table 4.1. Types of educational work by periods of mastering the OP in for FULL-time education

Type of educational work		TOTAL, academic hours.	Semester 6
<i>Contact, ac.h</i>		42	42
Lectures			
Lab work (LR)			
Seminars (workshops/tutorials)		42	42
<i>Self-study (ies), academic hours</i>		93	93
<i>Evaluation and assessment academic hours</i>		9	9
Overall laboriousness of the discipline	<i>academic hours</i>	144	144
	credits	4	4

5. COURSE MODULES AND CONTENTS

Table 5.1. The content of the discipline (module) by type of academic work

Name of the discipline section	Contents	Type of educational work
Section 1. Economic globalization and the new architecture of the world economy: "Made in the world"	Topic 1. Globalization and fragmentation. Drivers of economic globalization. "Made in the world." Fragmentation of production and cross-border value chains global value chains - GVCs). The new architecture of the world economy	Lectures, Seminars
Section 2. Global chains and MNCs	Topic 2. GVCs and MNCs The concept of creating a value chain. Value chain and supply chain. The role of TNCs in the global economy and GVCs. GVCs and production networks. GVCs: interdependence and risks	Lectures, Seminars
Section 3. GVCs: Historical approaches and modern concepts	(1) Topic 3. Classification of publications by GVCs An approach from the point of view of economic theory: The theory of fragmentation (Jones and Kierzkowski); The theory of "divisions" (Baldwin) (2) Approach from the point of view of the theory of international business: Global commodity chains (Wallerstein); Filières – chains in agriculture (French); Value chain scheme (Porter); Management in the GVCs (Jereff, Humphrey and Sturgeon); Economy of the "smiling curve"; Vertical specialization (Hummels); Trade intermediate goods (Mirudo). (3) Empirical research on the functioning of the GVCs	Lectures, Seminars
Section 4. GCC and international trade	Topic 4. GVCs and the growth of international trade The ratio of export growth to GDP. GVCs and the growth of international trade in intermediate goods. Disadvantages of traditional trade statistics of gross indicators (the phenomenon of repeated counting; the difficulty of determining the country of origin of goods). Value-added trading: an input-output approach	Lectures, Seminars
Section 5. Indicators of value-added trade (case of Russia)	Topic 5. The most important indicators of the country's participation in the GVCs Components of the country's gross exports by source and destination. Indicators of value-added trade: Foreign value added; Domestic value added; Country's participation in the GVCs. Protectionist policy today.	Lectures, Seminars

* - filled in only by FULL-time study.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Material and technical support of the discipline

Audience type	Equipping the classroom	Specialized educational/laboratory equipment, software and materials for mastering the discipline (if necessary)
Lecture hall	Auditorium 101 for conducting lecture-type classes, equipped with a set of specialized furniture; a blackboard (screen) and technical means of multimedia presentations.	Asus F6A laptop, Casio XJ-S 400 UN Multimedia Projector, Casio XJ-V 100W Multimedia Projector, GEHA 244*244 Projection Screen, Draper 203*1 Wired Screen, Defender Mercury 35 Mkl Speaker System, Philips TV
Seminary	Auditorium 103 for seminar-type classes, group and individual consultations, ongoing monitoring and interim certification, equipped with a set of specialized furniture and multimedia presentation equipment.	Lenovo AIO-510-22ISH Intel I5 2200 MHz/8 GB/1000 GB/DVD/audio Monoblock, 21" monitor, Casio XJ-V 100W Multimedia Projector, Motorized Digis Electra 200*150 Dsem-4303 screen
Computer class	Computer class 19 for conducting classes, group and individual consultations, current control and intermediate certification, equipped with personal computers (in the amount of 21 pcs.), a blackboard (screen) and multimedia presentation equipment.	Lenovo AIO-510-22ISH Intel I5 2200 MHz/8 GB/1000 GB/DVD/audio Monoblock, 21" monitor, Casio XJ-V 100W Multimedia Projector, Motorized Digis Electra 200*150 Dsem-4303 screen
For independent work of students	Auditorium 29 for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to EIOS	Lenovo AIO-510-22ISH Intel I5 2200 MHz/8 GB/1000 GB/DVD/audio Monoblock, 21" monitor, Casio XJ-V 100W Multimedia Projector, Motorized Digis Electra 200*150 Dsem-4303 screen

* - the audience for independent work of students is MANDATORY!

RESOURCES RECOMMENDED FOR COURSE STUDY

Main literature:

1. Volgina N.A. Fragmentation of production and cross-border value chains. Educational and methodical manual. - M.: RUDN, 2019. – 51 p.

2. Baldwin R. The Great convergence: information technologies and the new globalization. – M.: The Case of RANEP, 2018. – 416 p.
3. Michelle Ruta and Mika Saito. "Chain value" // Finance and Development, March 2014, pp. 1-4.
4. Bernard Hookman. "Adding Value" // Finance and Development, December 2013, pp. 22-24.
5. Richard Harmsen and Nagva Riad. "Swap places" // Finance and Development, September 2011, pp. 44-47.
6. Prakash Lungani and Saurabh Mishra "The service sector is not what it used to be" // Finance and Development, June 2014, pp. 51-54.
7. Sherry Stevenson. "Global Value Chains: the new reality of international trade" // Bridges, Issue 3, June 2015, pp. 4-10.
8. Pinelopi Kayanu-Goldberg. "The Future of trade". Finance and Development, June 2019, pp. 20-23.

Additional literature:

1. The 2017 WIPO Report on the State of Intellectual Property in the World. Intangible capital in global value chains. Geneva: WIPO, 2017.
2. Volgina N.A. "Link" restructuring of global pharmaceutical chains under the influence of the Covid-19 pandemic // Bulletin of MGIMO University. 2022. 11(1). pp. 126-142.
3. Volgina N.A. Pharmaceutical value chain: opportunities for outsourcing // Bulletin of the Peoples' Friendship University of Russia. Series: Economics. 2021. Vol. 29. No. 1. pp. 150-163.
4. Volgina N.A. The study of global value chains: the role of international organizations // Bulletin of International Organizations. 2020. Vol. 15. No. 2. pp. 255-285.

Resources of the Internet information and telecommunication network:

1. EBS RUDN and third-party EBS, to which university students have access on the basis of concluded contracts:
 - Electronic library system of RUDN – EBS RUDN <http://lib.rudn.ru/MegaPro/Web>
 - EBS "University Library online" <http://www.biblioclub.ru>
 - ABS Yurayt <http://www.biblio-online.ru>
 - EBS "Student Consultant" www.studentlibrary.ru
 - EBS "Doe" <http://e.lanbook.com/>
 - EBS "Trinity Bridge"

Databases and search engines:

- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- bibliographic database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

Educational and methodological materials for independent work of students during the development of the discipline/ module:*

All educational and methodological materials for independent work of students are placed in accordance with the current procedure on the page of the discipline in TUIS <https://esystem.rudn.ru/course/view.php?id=2318>

8. ASSESSMENT TOOLKIT AND GRADING SYSTEM* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL UPON COURSE COMPLETION

Evaluation materials and a score-rating system* for assessing the level of competence formation (part of competencies) based on the results of mastering the discipline "Fragmentation of production and cross-border value chains" are presented in the Appendix to this Work Program of the discipline.

DEVELOPERS:

**Associate professor of
Department of International
Economic Relations**

Position, ED

Volgina N.A.

Surname I.O.

Signature

**Head of the
Department of
International
Economic Relations,
Doctor of Economics,
Professor**

Position, ED

Andronova I.V.

Surname I.O.

Signature

HEAD OF ED:

**Head of the
Department of
International
Economic Relations,
Doctor of Economics,
Professor**

Name of ED

Andronova I.V.

Surname I.O.

Signature