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**Federal State Autonomous Educational Institution for Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA NAMED AFTER PATRICE
LUMUMBER
(RUDN University)**

(наименование основного учебного подразделения (ОУП)-разработчика ОП ВО)

COURSE SYLLABUS

TECHNOLOGY TRANSFER IN RUSSIA AND ABROAD

(наименование дисциплины/модуля)

Recommended by MSSN for the field:

38.04.01 «Economy»

(код и наименование направления подготовки/специальности)

**The development of the discipline is carried out within the framework of the
implementation of the main professional educational program of higher education:**

«International Business»

(наименование (профиль/специализация) ОП ВО)

2025 г.

1. THE COURSE GOALS

The goal of mastering the discipline «Technology transfer in Russia and abroad» is formation of knowledge and the basic concepts of essence and a role of a transfer in innovative economy, bases of the state and interstate regulation of process of transfer of technologies, features of a transnational, interregional and interindustry transfer of technologies, as well as skills of the analysis of systems, tools, methods and mechanisms of a transfer of technologies.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the discipline «Technology transfer in Russia and abroad» is aimed at forming the following competencies (part of competencies) among students:

Table 2.1. List of competencies formed among students in mastering the discipline (results of mastering the discipline)

Code	Competence	Indicators of competence achievement (within the framework of this discipline)
UC-1.	Able to organize and manage the work of the team, developing a team strategy to achieve the goal	UC-1.1. Analyzes the task, pointing out its basic components
		UC-1.2. Determines and ranks the information required to solve the task
		UC-1.3. Searches for information to solve the task by various types of queries
		UC-1.4. Offers solutions to the problem, analyzes the possible consequences of their use
		UC-1.5. Analyzes the ways of solving problems of ideological, moral and personal character based on the use of basic philosophical ideas and categories in their historical development and socio-cultural context
PC-1.	Able to analyze and forecast the main socio-economic indicators of the enterprise, industry, region and the economy as a whole	PC-1.1. Able to prepare analytical materials for the evaluation of economic policy measures and strategic decision-making at the micro and macro levels
		PC-1.2. Able to analyze and use various sources of information for economic calculations
		PC-1.3. Able to make a forecast of the main socio-economic indicators of the enterprise, industry, region and the economy as a whole
PC-2.	Able to develop design solutions, strategies for the behavior of economic agents and evaluate their effectiveness	PC-2.1. Able to independently prepare assignments and develop design solutions taking into account the uncertainty factor, as well as proposals and measures for the implementation of developed projects and programs
		PC-2.2. Able to evaluate the effectiveness of projects taking into account the uncertainty factor
		PC-2.3. Able to develop strategies for the behavior of economic agents in various markets
PC-3.	Able to independently carry out research activities and critically evaluate the results obtained	PC-3.1. Able to generalize and critically evaluate the results obtained by domestic and foreign researchers, identify promising areas, and draw up a research program
		PC-3.2. Able to substantiate the relevance, theoretical and practical significance of the chosen topic of scientific research
		PC-3.3. Able to conduct independent research in accordance with the developed program and present the results to the scientific community in the form of an article or report

3. DISCIPLINE PLACE IN THE STRUCTURE OF THE EP HE

The discipline «Technology transfer in Russia and abroad» refers to the part formed by the participants of the educational relations of the unit B1 EP HE.

Within the framework of EP HE, students also master other disciplines and/or practices that contribute to the achievement of the planned results of mastering the discipline «Technology transfer in Russia and abroad».

Table 3.1. List of EP HE components contributing to achievement of the planned results of discipline mastering

Code	Competence	Previous disciplines	Subsequent disciplines
UC-1.	Able to organize and manage the work of the team, developing a team strategy to achieve the goal		International trade; Corporate innovation policy; Commercialization of Start-up Projects; Global innovations in International Business
PC-1.	Able to analyze and forecast the main socio-economic indicators of the enterprise, industry, region and the economy as a whole		International trade; Corporate innovation policy; Commercialization of Start-up Projects; Global innovations in International Business
PC-2.	Able to develop design solutions, strategies for the behavior of economic agents and evaluate their effectiveness		International trade; Corporate innovation policy; Commercialization of Start-up Projects; Global innovations in International Business
PC-3.	Able to independently carry out research activities and critically evaluate the results obtained		International trade; Corporate innovation policy; Commercialization of Start-up Projects; Global innovations in International Business

4. SCOPE OF DISCIPLINE AND TYPES OF TRAINING WORK

The total labor intensity of the discipline «Technology transfer in Russia and abroad» is 3 credit units.

Table 4.1. Types of training work on the periods of EP HE development for full-time training

Type of training work		In total, ac. hours	Semester			
			1	2	3	4
<i>Contact work, ac.h.</i>		36	36			
Including:						
Seminars (S)		36	36			
<i>Independent work of students, ac.h.</i>		54	54			
<i>Control (exam/test with assessment), ac.h.</i>		18	18			
The overall credit hours	ac. hours	108	108			
	credit units	3	3			

5. DISCIPLINE CONTENT

Table 5.1. Content of discipline (module) by types of training work

Discipline Section Name	Content of section (topics)	Type of training work
Section 1. Essence, the place and role of a transfer of technologies in innovative economy	Topic 1. Concept of a transfer. Features and the key principles of the innovative focused economy.	S
	Topic 2. Institutional interaction of participants of innovative process	S
	Topic 3. Formation and development of a system of a transfer of technologies in Russia and abroad	S
Section 2. Modern conditions of a system of a transfer of technologies and its regulation	Topic 4. Methods and instruments of advance of innovative technologies	S
	Topic 5. State regulation of a transfer of technologies	S
	Topic 6. Features of a transnational, interregional and interindustry transfer of technologies	S
	Topic 7. Problems of results protection of intellectual activity at technology transfer in the Russian Federation	S

6. DISCIPLINE LOGISTICS

Table 6.1. Discipline Logistics

Audience	Type Audience Equipment	Specialized training/laboratory equipment, software and materials for mastering the discipline (if necessary)
Seminar	Workshop-type classroom, group and individual consultations, monitoring and intermediate certification, equipped with a set of specialized furniture and multimedia presentation equipment.	
For independent work of students	The audience for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to the Electronic information and educational environment.	

7. METHODOICAL AND INFORMATIONAL SUPPORT

Basic sources:

1. Technology Transfer, Foreign Direct Investment, And The Protection Of Intellectual Property In The Global Economy / Ed. Kamal Saggi. World Scientific Publishing Co Pte Ltd, 2023. – 688 p.
2. Трансфер технологий в инновационной экономике: учебник для вузов / А. Ю. Анисимов [и др.]; под общей редакцией А. Ю. Анисимова, О. А. Пятаевой. — М.: Юрайт, 2024. — 251 с.
3. Karzanova I.V., Solovieva Yu.V., Zaynullin S.B., Paleev D.L., Samuseva T.V. Economics of innovative activity of enterprise, RUDN, RUDN Library, 2017. Electronic file from RUDN Library: <http://lib.rudn.ru/ProtectedView/Book/ViewBook/6322>

Additional sources:

1. Human Development Index. Electronic file from open Internet sources. URL: <http://hdr.undp.org/en/statistics/hdi>
2. The Global Innovation Index. Electronic file from open Internet sources. URL: www.globalinnovationindex.org

3. The National Center for Scientific Research (CNRS). Electronic file from open Internet sources.
URL: <http://www.cnrs.fr/en/aboutcnrs/overview.htm>

Resources of the information and telecommunication network "Internet":

1. RUDN Electronic Library System (ELS) and third-party ELS, to which university students have access on the basis of concluded contracts:

- RUDN Electronic Library System – ELS RUDN <http://lib.rudn.ru/MegaPro/Web>
- ELS «University Library Online» <http://www.biblioclub.ru>
- ELS Yurite <http://www.biblio-online.ru>
- ELS «Student Counselor» www.studentlibrary.ru
- ELS «Lan» <http://e.lanbook.com/>
- ELS «Troitskiy most»

2. Databases and search engines:

- electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- SCOPUS abstract database <http://www.elsevierscience.ru/products/scopus/>

8. EVALUATION MATERIALS AND SCORING SYSTEM FOR ASSESSING THE LEVEL OF COMPETENCY FORMATION IN THE DISCIPLINE

Evaluation materials and the rating system for assessing the level of competencies formation (part of competencies) based on the results of mastering the discipline «Technology transfer in Russia and abroad» are presented in the Appendix to this Course Syllabus of the discipline.

Educational and methodological materials for independent work of students in mastering the discipline/module:

1. Discipline Practice Tasks «Technology transfer in Russia and abroad».

<https://esystem.rudn.ru/course/index.php?categoryid=833>

Developer:

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Подпись

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