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**Federal State Autonomous Educational Institution for Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
(RUDN University)
Faculty of economics**

COURSE SYLLABUS

International statistical databases

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

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

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

International Economic Relations

(name (profile/specialization))

2024

1. COURSE GOALS

The purpose of mastering the discipline "International Statistical Databases" is to teach students to work with reliable sources of static and analytical information - international statistical databases - and use them to achieve the goals of foreign economic activity.

The achievement of this goal will be facilitated by the following **tasks**:

1. to develop students' skills in obtaining and processing statistical information
2. to focus students' attention on working with primary sources for competent analysis in the field of international economic relations and foreign economic activity, including international statistical databases of international economic organizations, databases of international industry associations, national statistical bureaus;
3. to teach students to fluently master the terminology of the main statistical indicators in the field of international economic relations;
4. to instill in students the skills of critical evaluation and interpretation of the data obtained during the analysis.

2. LEARNING OUTCOMES

Studying the discipline " International statistical databases" is aimed at the formation of the following competencies (part of competencies) among students:

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

Competence code	Competence	Competence indicators
GC-12	Able to: search for the necessary sources of information and data, perceive, analyze, memorize and transmit information using digital means, as well as using algorithms when working with data received from various sources in order to effectively use the information received to solve problems; evaluate information, its reliability, build logical conclusions based on incoming information and data	GC-12 / УК-12.1 Know how to search for the necessary sources of information and data, perceives, analyzes, memorizes and transmits information using digital means, as well as using algorithms when working with data received from various sources in order to effectively use the information received to solve problems / Осуществляет поиск нужных источников информации и данных, воспринимает, анализирует, запоминает и передает информацию с использованием цифровых средств, а также с помощью алгоритмов при работе с полученными из различных источников данными с целью эффективного использования полученной информации для решения задач GC-12 / УК-12.2 Able to evaluate information, its reliability, builds logical conclusions based on incoming information and data / Проводит оценку информации, ее достоверность, строит логические умозаключения на основании поступающих информации и данных
GPC-5 / ОПК-5	Able to understand the principles of operation of modern information technologies and use them to solve problems of professional activity / Способен понимать принципы работы	GPC-5 / ОПК-5.1 Know how to use modern information technologies and software, incl. domestic production, to solve the problems of the digital economy / Применяет современные информационные технологии и программные средства, в т.ч. отечественного производства, для решения задач цифровой экономики

Competence code	Competence	Competence indicators
	современных информационных технологий и использовать их для решения задач профессиональной деятельности	GPC-5 / ОПК-5.2 Recognizes and takes into account the sources of threats, compliance with information security requirements / Осознает и учитывает источники угроз, выполнение требований информационной безопасности GPC-5 / ОПК-5.3 Able to choose modern information technologies and software in solving problems of professional activity / Осуществляет выбор современных информационных технологий и программных средств при решении задач профессиональной деятельности

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The discipline " International statistical databases " refers to the part formed by the participants of the educational relations of block B1 of the EP.

Within the framework of the EP, students also master other disciplines and / or practices that contribute to the achievement of the planned results of mastering the discipline " International statistical databases ".

Table 3.1. List of Higher Education Program (me) components / disciplines that contribute to expected learning/training outcomes

Code	Competence	Previous disciplines/modules, practices*	Subsequent disciplines/modules, practices*
GC-12	Able to: search for the necessary sources of information and data, perceive, analyze, memorize and transmit information using digital means, as well as using algorithms when working with data received from various sources in order to effectively use the information received to solve problems; evaluate information, its reliability, build logical conclusions based on incoming information and data	Computer science / Информатика Statistics for Economists / Экономическая статистика Вариативная компонента Economic informatics / Экономическая информатика	Interdisciplinary coursework / Междисциплинарная курсовая работа Interdisciplinary course project / Междисциплинарная курсовая работа Business process modeling / Моделирование бизнес процессов Geographic Information Systems: Visualization of Spatial Data / Геоинформационные системы: визуализация пространственных данных Business on the Internet / Бизнес в Интернет Basics of international trade / Основы международной торговли Electronic commerce in international business /

			<p>Электронная коммерция в международном бизнесе Big Data Project-technological internship / Проектно-технологическая практика Undergraduate practice / Преддипломная практика Final state examination procedures / Подготовка и сдача государственного экзамена Degree thesis procedures / Оформление, подготовка к процедуре защиты и защита выпускной квалификационной работы</p>
GPC-5 / ОПК-5	<p>Able to understand the principles of operation of modern information technologies and use them to solve problems of professional activity / Способен понимать принципы работы современных информационных технологий и использовать их для решения задач профессиональной деятельности</p>	<p>Econometrics / Эконометрика Вариативная компонента</p>	<p>International trade in high-tech products and technology transfer / Международная торговля высокотехнологичной продукцией и трансферт технологий Undergraduate practice / Преддипломная практика Final state examination procedures / Подготовка и сдача государственного экзамена Degree thesis procedures / Оформление, подготовка к процедуре защиты и защита выпускной квалификационной работы</p>

4. COURSE WORKLOAD AND LEARNING ACTIVITIES

Общая трудоемкость дисциплины «Международные статистические базы данных» составляет 3 зачетных единиц.

TABLE 4.1. Types of academic activities during the period of the HE program(me) mastering

Type of educational work	TOTAL, academic hours	Semester			
		4			
Contact academic hours	144	144			
в том числе:					
Lectures	17	17			
Lab work	34	34			
Seminars (workshops/tutorials)					
Self-study (ies), academic hours	66	66			
Evaluation and assessment academic hours	27	27			

Type of educational work		TOTAL, academic hours	Semester			
			4			
Overall labor intensity of the discipline	academic hours	144	144			
	credits	4	4			

5. COURSE MODULES AND CONTENTS

Course Modules and Contents	Modules and Topics (Units/Themes)
Section 1. Theoretical aspects of international statistical databases.	Topic 1. Theoretical aspects of international statistical databases (IWSDs). Definition, types and classification of MSDS. Types of statistics obtained from the DICS. Methods of processing and analysis of information received from the IPSA. Ways to present and visualize statistical data.
Section 2. Sources of statistical information in the field of international trade.	Topic 2. Sources of statistical information on international trade in goods and services. International classifications of goods and services. Types of statistical indicators of international trade. Methods of data processing and analysis with the help of THE UN Comtrade DATA: Statistics of international trade in goods and services of the World Trade Organization's CISDS WTO Data. Visualization tools for data on international trade in goods and services: WITS, Trend economy, UNCTAD UNCTAD stat database. Topic 3. National and external sector statistical information sources. The database of customs statistics of the Russian Federation, national statistical offices of the countries of the world: USA, Great Britain, EU.
Section 3. Sources of international industry statistics.	Topic 4. Sources of statistical information on international commodity markets: International industry associations of manufacturers International sectoral intergovernmental organizations. Food and Agriculture Organization of the United Nations (FAO stat) International Fertilizer Association (IFA); International Organization of Viticulture and Winemaking (OIV); International Association of Oil and Gas Producers (IOGP); International Association of Automobile Manufacturers (OICA). Topic 5. Sources of analytical industry reviews and research of world markets. Analytical reports of the Statista database; analytical reports and journals of international organizations; industry reports and forecasts of Deloitte, KPMG, RBC.
Section 4. World Economy Statistics of the World Bank	Topic 6. Sustainable Development Goals. Indicators of sustainable development of the world economy. Activities of international organizations to achieve the goals of sustainable development. World Bank Database: Socio-Economic Indicators of Sustainable Development of the World Economy.
Section 5. International ratings and indices in the field of international economic relations.	Topic 7. International ratings and indices in the field of international economic relations. The concept and methods of compiling ratings. Ratings of international official economic periodicals: the economist rankings, fortune 500. Industry ratings. Types of international economic indices: global competitiveness index (GCI); doing business; world innovation index, human capital index.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Name of special * placements and placements for independent work	Equipment of special placements and placements for independent work	List of licensed software. Details of the confirming document
Lecture Hall	Auditorium for lecture-type classes, equipped with a set of specialized furniture; whiteboard (screen) and technical means of multimedia presentations.	
Computer Lab	Computer class for classes, group and individual consultations, current control and intermediate certification, equipped with personal computers (in the amount of 21 pcs.), a whiteboard (screen) and technical means of multimedia presentations.	
For independent work of students	Computer class for classes, group and individual consultations, current control and intermediate certification, equipped with personal computers (in the amount of 21 pcs.), a whiteboard (screen) and technical means of multimedia presentations Computer class for classes, group and individual consultations, current control and intermediate certification, equipped with personal computers (in the amount of 21 pcs.), a whiteboard (screen) and technical means of multimedia presentations.	

7. RECOMMENDED SOURCES FOR COURSE STUDIES

Main reading(sources)

1. International statistics : a textbook for magistrates / ed. by B. I. Bashkatov, A. E. Surinov. — 2-e ed., pererab. i dop. — M. :Izdatelstvo Yurait, 2013 — 701 p. — Seriya : Uchebniki NRU HSE.
2. Fedyakina, L. N. Mezhdunarodnye ekonomicheskie otnosheniya : uchebnik i praktprom dlya akademicheskogo baktoriata / L. N. Fedyakina. — Moscow : Izdatelstvo Yurait, 2018. — 461 p. — (Bachelor).
3. International Economic Organizations: Textbook for Bachelor's and Master's Degrees / S. N. Silvestrov [et al.] ; edited by S. N. Silvestrov. — Moscow : Izdatelstvo Yurait, 2019. — 246 p. — (Bachelor and Master. Academic course). — ISBN 978-5-9916-9314-1. — Text : elektronnyi // EBS Yurayt [site]. — URL: <https://urait.ru/bcode/432856>

Additional (optional) reading (sources)

1. Darrell Huff. How to Lie with Statistics = How to Lie with Statistics. — M.: Alpina Publisher, 2015. — 163 p. — ISBN 978-5-9614-5212-9.
2. Bazaleva O.I. Mastery of data visualization.: - SPb.: OOO «Dialectika», 2018. – 192 p.
3. Bogachev A. Graphs that convince everyone.: - AST, 2020. – 280 p.
4. Товарная номенклатура ВЭД ЕАЭС. – www. tks. ru

Publications of the World Trade Organization

1. World Trade Report 2020
2. World Trade Statistical Review 2020
3. Trade Profiles 2020
4. World Tariff Profiles 2020

Publications of the International Monetary Fund

1. World Economic Outlook Reports
2. Global Financial Stability Report
3. Regional Economic Outlook

Microsoft Office 2010:

Databases, reference and search engines:

Databases of UNIBCR RUDN University:

- Electronic catalog – a database of books and periodicals in the fund of the RUDN University library.*
- Electronic resources – including section: Licensed resources of UNIBC (NB):*
- University Library ONLINE*
- SPRINGER. Book collections of the publishing house*
- Rudn University Bulletin*
- East View*

Universal Databases

- eLibrary.ru*
- Grebennikon*
- Library PressDisplay*
- SwetsWise*
- Swets Wise online content*
- University of Chicago Press Journals*
- Books by Alpina Publishers*
- Electronic library of RSL dissertations*

Database "Multilingual Dictionary of Terms", information bibliographic databases OF INION RAS, Databases of normative acts of the Russian Federation: ConsultantPlus: VersiyaProf. ON-LINE VERSION, Business Source Complete Database.

Other databases

1. *база данных Росстата России*
2. *база данных IMF, UNCTAD, OECD*
3. *University of Chicago Press Journals*
4. *Электронная библиотека диссертаций РГБ*
5. *<http://europa.int> (European Union)*
6. *www.cbr.ru (Центральный банк РФ)*
7. *www.gks.ru (Федеральная служба таможенной статистики РФ)*
8. *www.eur.ru (Представительство Европейской комиссии в Москве)*
9. *www.iccwbo.org (International Chamber of Commerce)*
10. *www.minfin.ru (Министерство финансов РФ)*
11. *www.unctad.org (United Nations Conference on Trade and Development)*
12. *www.usitc.gov (U.S. International Trade Commission)*
13. *www.world-bank.org (World Bank)*
14. *www.wto.org (World Trade Organization).*
15. *<https://ourworldindata.org/trade-and-globalization> (Oxford University)*
16. *<https://gtmarket.ru/> (Гуманитарный портал)*
17. *<https://www.statista.com/> (Business Data Platform)*
18. *<https://trendeconomy.com/> (TrendEconomy Ltd)*

19. <http://i-tip.wto.org/goods/Default.aspx> (I-tip WTO)
20. <http://tariffdata.wto.org/ReportersAndProducts.aspx> (WTO Tariff download facility)
21. <https://www.imf.org/en/Publications/SPROLLs/world-economic-outlook-databases#sort=%40imfdate%20descending> (World economic outlook database)
22. <https://www.globaltradealert.org/> (Global trade alert)
23. <http://rtais.wto.org/UI/PublicMaintainRTAHome.aspx> (Regional trade agreements database)
24. <https://worldinfigures.com/rankings> (The economist rankings)
25. <https://wits.worldbank.org/Default.aspx?lang=en> (World integrated trade solution)
26. <https://www.oecd-ilibrary.org/> (библиотека Организация экономического сотрудничества и развития)
27. <https://tax.kpmg.us/insights/insights-on-trade-customs/survey-and-studies.html> (KPMG surveys and studies)
28. <https://www.wipo.int/portal/en/index.html> (Всемирная организация интеллектуальной собственности)

8. EVALUATION TOOLKIT & GRADING SYSTEM FOR ASSESSING THE LEVEL OF FORMATION OF COMPETENCIES IN THE COURSE

Evaluation materials and a grading system* for assessing the level of formation of competencies (part of competencies) based on the results of mastering the discipline "Basics of international trade" are presented in the Appendix to this Course Syllabus of the discipline.

AGREED


Developer:

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