

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ  
ХАРКІВСЬКИЙ НАЦІОНАЛЬНИЙ ЕКОНОМІЧНИЙ УНІВЕРСИТЕТ  
ІМЕНІ СЕМЕНА КУЗНЕЦЯ

**ЗАТВЕРДЖЕНО**

на засіданні кафедри  
міжнародних економічних відносин  
Протокол № 5 від 21.12.2023 р.

**ПОГОДЖЕНО**

Проректор з навчально-методичної роботи  
Каріна НЕМАШКАЛО



**ІНТЕЛЕКТУАЛІЗАЦІЯ СВІТОГОСПОДАРСЬКОГО РОЗВИТКУ ТА  
МІЖНАРОДНИЙ НАУКОВО-ТЕХНОЛОГІЧНИЙ ОБМІН**

робоча програма навчальної дисципліни (РПНД)

Галузь знань 29 "Міжнародні відносини"  
Спеціальність 292 "Міжнародні економічні відносини"  
Освітній рівень третій (освітньо-науковий)  
Освітня програма "Міжнародні економічні відносини"

Статус дисципліни вибіркова  
Мова викладання, навчання та оцінювання англійська

Розробник(и):  
д.е.н., проф.

Ірина ОТЕНКО

Завідувач кафедри  
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Гарант програми

Ірина ОТЕНКО

Харків  
2023

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
SIMON KUZNETS KHARKIV NATIONAL UNIVERSITY OF ECONOMICS**

**APPROVED**

at the meeting of the department  
of international economic relations  
Protocol № 5 of 21.12.2023 p.

**AGREED**

Vice-rector for educational and methodical work



**INTELLECTUALIZATION OF WORLD ECONOMIC DEVELOPMENT  
AND INTERNATIONAL SCIENTIFIC AND TECHNOLOGICAL  
EXCHANGE**

**Program of the course**

Field of knowledge	<b>29 International Relations</b>
Specialty	<b>292 International Economic Relations</b>
Study cycle	<b>third (educational and scientific)</b>
Study programme	<b>International Economic Relations</b>

Course status	<b>elective</b>
Language	<b>English</b>

Developer  
Doctor of Economics,  
Professor

Iryna OTENKO

Head of International  
Economic  
Relations Department

Iryna OTENKO

Head of Study Programme

Iryna OTENKO

**Kharkiv  
2023**

## INTRODUCTION

The growing dynamism and development of scientific and technical achievements, namely, the digitalization of the production processes of innovative products and qualitatively new technologies, the development and implementation of cyber-physical systems, determine the implementation of network structures, new business models, contribute to the development of radically new ways of interaction and economic cooperation on the international and global levels. Mastering the knowledge, skills and research skills of the world economy, taking into account modern innovative technological trends and trends of world science, allows to analyze and apply the latest approaches, conceptual models to the functioning and development of the world economy, international economic relations.

The study program of the academic discipline "Intellectualization of world economic development and international scientific and technological exchange" is compiled in accordance with the educational and scientific program for training doctors of philosophy in the specialty "292 International Economic Relations".

The purpose of teaching the academic discipline "Intellectualization of world economic development and international scientific and technological exchange" is the development of students of high-level research skills in the subject area aimed at obtaining new scientific knowledge, preparing for the defense of a dissertation. The main tasks of studying the discipline "Intellectualization of world economic development and international scientific and technological exchange" are theoretical approaches, principles and conceptual provisions of the knowledge economy; development and use of research tools for the intellectualization of global economic development and the international technology market; study and analysis of modern models and forms of scientific and technical exchange; mastering the management toolkit of international business development, scientific and technological exchange.

The object of study of the educational discipline is the intellectualization of the world economy and international scientific and technological exchange.

The subject of study of the academic discipline is the approaches, methods and tools of researching processes of intellectualization of global economic development and international scientific and technological exchange.

The learning outcomes and competencies formed by the course are defined in table 1.

Table 1

### Learning outcomes and competences formed by the educational course

Learning outcomes	Competencies
LO04	GC2, GC3, SC01
LO05	GC4, SC01
LO06	GC3
LO07	GC4, SC02
LO08	SC03, SC04
LO09	GC4
LO10	GC4, SC05

where, LO04. Analyze and apply conceptual models, in particular security-oriented ones, the scientific work of domestic and foreign scientists, fundamental postulates and theories, paradigms of global economic development, the latest approaches to the functioning and development of the world economy and international economic relations.

LO05. Develop, implement and manage scientific projects that make it possible to solve complex problems in the field of international economic relations, create new integral knowledge taking into account social, economic, ecological and legal aspects on the basis of a systematic scientific worldview and a general cultural outlook in compliance with the principles of professional ethics and academic integrity, ensuring the registration of intellectual property rights regarding project results.

LO06. Freely present and discuss with specialists and non-specialists the results of research, scientific and applied problems of MEV in national and foreign languages, publish the results of research in scientific publications in leading scientific publications.

LO07. Formulate and test hypotheses; use appropriate evidence to substantiate conclusions, in particular, the results of theoretical analysis, empirical research (surveys, observations, etc.) and mathematical and/or computer modeling, available literature data.

LO08. Plan and carry out theoretical and applied research on international economic relations using modern scientific tools.

LO09. Deeply understand the general principles and methods of economic sciences, as well as the methodology of scientific research, apply them in one's own research in the field of international economic relations, critically analyze the results of one's own research and the results of other researchers in the context of the entire complex of modern knowledge regarding the problem under study.

LO10. Analyze and evaluate the state and prospects for the development of international economic relations, in particular, taking into account the security-oriented aspect of international business management, based on a holistic scientific understanding of the economic unity of the world, effectively apply the regulatory mechanisms of international economic relations at the national, regional and international levels in the conditions of modern processes of convergence and divergence.

GC2. Ability to search, process and analyse information from various sources.

GC3. Ability to work in an international context.

GC04. Ability to solve complex problems of the economy based on a systemic scientific worldview and general cultural outlook adhering to the principles of professional ethics and academic integrity.

SC01. The ability to perform original research, to achieve scientific results that create new knowledge in the field of international economic relations and related interdisciplinary areas and can be published in leading scientific publications.

SC02. The ability to generate new ideas regarding the development of the theory and practice of international economic relations.

SC03. The ability to integrate knowledge from different fields, apply a

systematic approach and take into account non-economic aspects when solving complex problems of international economic relations and conducting research.

SC04. The ability to identify, pose and solve problems of a research nature in the field of international economic relations, evaluate and ensure the quality of performed research.

SC05. The ability to form a scientific holistic view of the economic unity of the world, in particular, security-oriented development, regulatory mechanisms of international economic relations at the national, regional and international levels in the conditions of modern processes of convergence and divergence, European and Euro-Atlantic integration.

## **COURSE CONTENT**

### **Content module 1. Components of intellectualization of world economic development**

#### **Topic 1. Theoretical principles of intellectualization of global economic development**

1.1. The genesis of the process of intellectualization of world economic development. Asymmetry of intellectualization of world economic development

1.2. Conceptual models of the circular and digital economy

1.3. Knowledge economy and processes of intellectualization of global economic development

1.4. Inclusive economy and intellectual capital

#### **Topic 2. Digitization of global socio-economic development**

2.1. The main components of the digital economy

2.2. Opportunities and threats of digitalization in global economic development

2.3. Digitization and smartization as key factors in the transformation of business processes of the development of companies in international markets

2.4. Competitive context of intellectualization of management of international business development

#### **Topic 3. Social determinant of global economic development**

3.1. Intellectual capital as a system-forming factor of world economic development

3.2. Trends in business socialization in global development

3.3. Standards and principles of corporate and social responsibility for the development of international business

#### **Topic 4. Scientific and technological vector of world economic development**

4.1. Scientific and technical progress and industrial revolutions

4.2. The role of high-tech industries in global socio-economic development

4.3. Innovative development of countries according to indicators of world ratings

4.4. World technology market

4.5. Institutional environment of scientific and technological exchange

### **Content module 2. Peculiarities of intellectualization of social and economic development of Ukraine**

## **Topic 5. Positions and prospects of Ukraine in global economic development**

5.1. Scientific and innovative capacity of Ukraine in world rankings

5.2. Competitiveness of Ukraine in world rankings

5.3. Prospects of post-war security-oriented development of Ukraine and integration into the world economy

## **Topic 6. Innovative potential and development of the Kharkiv region in the post-war period**

6.1. Human and intellectual potential in the development of the Kharkiv region

6.2. Formation of the image of the city of Kharkiv as a "smart city" in order to attract foreign investments for its post-war reconstruction

### **Content of practical classes**

During practical classes, students analyze, systematize, generalize, consolidate, deepen theoretical knowledge on the chosen topic of scientific research and practical skills, the ability to formulate and test hypotheses; use appropriate evidence to substantiate conclusions, in particular, the results of theoretical analysis, empirical research (surveys, observations, etc.) and mathematical and/or computer modeling, available literature data; apply modern tools and technologies for searching, processing and analyzing information, in particular, statistical methods for analyzing data of a large volume and/or complex structure, specialized databases and information systems.

The list of practical (seminar) tasks by academic discipline is given in the table 2.

Table 2

### **List of practical (seminar) tasks**

Name of the topic and / or task	Content
Tasks 1., 2. Problems of scientific research	Analysis of a problematic situation and problem formulation (case stage). Justification of the relevance of the chosen topic research. Structuring the research program and forming the logic of the justification of the research topic
Task 3. Methodology for the formation of the author's categorical and conceptual	Formation of the subject area of research. Formation of the categorical and conceptual apparatus. Selection of key concepts
Task 4. Scientific research methods	Selection and justification of scientific research methods. Information and analytical support of research
Task 5. Designing the results of the research.	Defining the goal, tasks, object and subject of the research. Acquaintance with the characteristics of scientific novelty. Determination of scientific novelty of research results
Task 6. Preparation of scientific publications	Designing and writing an article on the topic of research. Getting acquainted with the requirements for writing an article and working on it

The list of self-studies in the course is given in table 3.

Table 3

<b>List of self-studies</b>	
Name of the topic and / or task	Content
Task 1. Preparation for lectures and practical classes	Studying lecture material, preparing for practical classes, working with scientific literature, working on the Internet
Task 2. Work with literary sources	Search for scientific information. Selection and systematization of literary sources. Designing a task to justify the relevance of the research topic
Task 3. Collection, processing and systematization of primary information	Work with special literature, electronic search of scientific information, processing and systematization of information
Task 4. Writing an essay	Writing an essay on the following topics: "Modern global comparative studies of national cultures and their use in the international economy", "Positioning and forming the country's brand on the basis of sustainable development", "Digital transformation of international business", "Principles of economic diplomacy", "Corporate social responsibility in international business", "Signs of circular economy"
Task 5. Presentation of research results	Preparation of a presentation of research results. Designing illustrative material
Task 6. Prevention of academic plagiarism	Familiarization with recommendations for prevention of plagiarism

The number of hours of lectures, practical (seminar) studies and hours of self-study is given in the technological card of the course.

## **TEACHING METHODS**

During the study of the discipline, teaching methods aimed at activating and stimulating the research activities of higher education students are used, such as: study of a specific situation (case study); presentations with preliminary work in small groups, associative games, situational exercises, mini-trainings, individual research work during the task of writing an article, discussion interactive technologies during the presentation of research results. During all practical classes, explanatory and illustrative, reproductive, problem-oriented and research teaching methods are used.

In practical classes 1, 2, when completing the task devoted to the topic "Problems of scientific research", applicants get acquainted with the "case study" method, when a specific problem situation is determined that requires the development of a number of solutions to overcome it; carry out the situational exercises "Structuring the research program", "drawing up an organizational plan for conducting the research",

"Preliminary analysis of the research object and setting research tasks".

At the practical session, 3 applicants get acquainted with the techniques of constructing a categorical and conceptual apparatus. Applicants take part in an associative game on the following topics: "Correct formulation of the problem and ways to solve it", "Formation of the logic of the justification of the research topic", "Definition of the object and subject of the research", "Definition of key concepts according to the research topic". Applicants take part in the mini-training "Formulation of the goal, tasks, definition of the object, the subject of research according to the chosen topic", "Graphic presentation of the subject area of research". Winners also prepare presentations while working in small groups, practicing teamwork skills.

At the practical session, 4 applicants get acquainted with the techniques of selection and systematization of literary sources, work with special literature, electronic search of scientific information. They carry out individual research work on the review of information sources on the topic of research, perform the task "Formation of the information field of research", practice skills and abilities to verify the received information. They familiarize themselves with the requirements for registration of information sources.

In practical classes 5, 6, applicants get acquainted with the requirements for writing essays, articles or theses of a report for a conference, and are engaged in writing them. Master the techniques of report preparation and presentation. They get acquainted with the methods of scientific research, the characteristics of measuring the scientific novelty of the obtained results, the requirements for the preparation of the report, its presentation. During the practical classes, the winners master the techniques of justifying the choice of methods, the scientific novelty of the obtained results, their presentation, conducting a scientific discussion.

Applicants are also familiarized with recommendations on plagiarism prevention. The discussion discusses situations of compliance with the principles of academic integrity. When discussing the principles, the techniques of discussion interactive technologies are used: study of specific situations, discussion, debriefing.

## **FORMS AND METHODS OF ASSESSMENT**

The university uses a 100-point accumulative system for evaluating the learning outcomes of students of higher education.

The form of semester control is grading: the maximum amount is 100 points; the minimum amount that allows a student of higher education to receive grading is 60 points.

Final control is carried out in the form of semester control.

Semester control is conducted in the form of grading. The grading score is determined by summing the points for all types of current control.

During the teaching of the academic discipline, the following activities are used: writing an article (40 points), theses (20 points), 4 essays (40 points).

Semester control: Grading/

More detailed information about the evaluation system is given in the work plan (technological map) for the academic discipline.



## RECOMMENDED LITERATURE

### Main

1. Dovhal O. A. Intelktualizatsiia hlobalnoho ekonomichnoho rozvytku : monohrafiia / O. A. Dovhal, Ye. V. Fomina. – Kharkiv : KhNU imeni V. N. Karazina, 2022. – 192 s.
2. Svitove gospodarstvo i mizhnarodni ekonomichni vidnosyny [Elektronnyi resurs] : navchalnyi posibnyk / S. V. Bestuzheva, V. A. Vovk, V. O. Kozub ta in. ; za zah. red. d-ra ekon. nauk, profesora T. V. Shtal. – Kharkiv : KhNEU im. S. Kuznetsia, 2020. – 239 s. <http://repository.hneu.edu.ua/handle/123456789/23849>
3. Lypov V.V. Mizhnarodna ekonomika: svitova ekonomika ta mizhnarodni ekonomichni vidnosyny. Praktykum. Navchalno-praktychnyi posibnyk. – K. : Profesional, 2009. – 336 s. Hryf MON
4. Lypov V.V. Mizhnarodna ekonomika: strukturno-tsyvilizatsiini osnovy rozvytku. – Kh.: Vyd-vo KhNEU, 2007. – 208 s.
5. Tsymbal L.I. Intelktualne liderstvo v paradyhmi hlobalnoho ekonomichnoho rozvytku: monohrafiia. Kyiv : KNEU, 2019. 343 s.

### Additional

6. Svitova ekonomika ta mizhnarodni ekonomichni vidnosyny: multymediini metodychni rekomendatsii do samostiinoi roboty./I.P. Otenko, N.O. Parkhomenko, A.O. Lytvynenko, O.V. Yarmosh, I.H. Murenets. - Kh.: Vyd-vo KhNEU, 2023.
7. . Mizhnarodnyi biznes: pidruchnyk./ za red..prof. V.A.Verhuna. – K.: VADEKS, 2014. – 810s.
8. Otenko I.P. Stratehii intelktualizatsii svitohospodarskoho rozvytku. Modeliuvannia rehionalnoi ekonomiky. -2015. №1(25).-Stor.360—368;
9. 7 skhodynok pidhotovky uspishnoi dysertatsii. Monohrafiia/ Starostina A.O., Kravchenko V.A., Nahachevska T.V./ za zah.red.prof. Starostinoi A.O. 2-he vyd., pererob. I dop. – K.: «NVP «Interservis», 2019. – 302s.

### Information resources

10. Regulations on the organization of the educational process in Kharkiv Semyon Kuznets National University of Economics: Order No. 5 from 10/26/2020 URL: <http://www.hneu.edu.ua/wp-content/uploads/2020/12/Polozhennya-pro-organizatsiyu-osvitnogo-protsesu-u-HNEU.pdf>.
11. National Library of Ukraine named after V. I. Vernadskyi. URL: <http://www.nbuv.gov.ua>.
12. National Parliamentary Library of Ukraine. URL: <https://nlu.org.ua/>.
13. Statistics of Ukraine: scientific journal. URL: [www.ukrstat.gov.ua](http://www.ukrstat.gov.ua).
14. Kharkiv State Scientific Library named after Korolenko URL: <http://korolenko.kharkov.com>.