

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
V.N. Karazin Kharkiv National University  
Faculty of International Economic Relations and Tourism Business  
Artur Golikov International Economic Relations Department

APPROVED:  
Deputy Head of the admission committee,  
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\_\_\_\_\_ Oleksandr HOLOVKO  
" \_\_\_\_ " \_\_\_\_\_ 2024

**ENTRANCE EXAMINATION PROGRAM**  
**in "INTERNATIONAL ECONOMIC RELATIONS"**  
**for applicants for the degree of Doctor of Philosophy**  
**in specialty 292 - "International Economic Relations"**  
**(full-time education)**

Kharkiv 2024



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ENTRANCE EXAMINATION PROGRAM  
in "INTERNATIONAL ECONOMIC RELATIONS"  
for applicants for the degree of Doctor of Philosophy  
in specialty 292 - "International Economic Relations"

Developed by: Doctor of Economics, Prof. O. Dovgal,  
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Ph.D., Docent N. Kazakova,  
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### General Terms

The program is the main scientific and methodical document that regulates the content of the entrance exam. It is aimed at ensuring a comprehensive approach to the assessment of theoretical and practical training of applicants, to identifying the level of their knowledge

The purpose of the program is to determine the scope and required level of theoretical knowledge and practical skills of the applicant.

The program involves in-depth knowledge of the material regarding the current state of development of international economic relations and the main problems existing in this field.

Applicants to postgraduate studies in the specialty "International Economic Relations" when taking the entrance exam for the specialty must demonstrate knowledge of the subject and object of international economic relations as a scientific and research field, show the ability to comprehensively analyze the material and understand systematicity as a scientific approach, which is fundamentally important in knowledge of the essence of international economic relations.

The specialty exam has a written form.

The examination ticket consists of three theoretical questions. The answer to each question of the examination ticket is estimated at 200 points. The overall grade is calculated as the arithmetic average of the answers to three tasks with rounding to the nearest integer according to the rules of mathematics.

The maximum number of points that an applicant can receive based on the results of the professional exam is 200 points.

### Evaluation criteria answers to exam ticket questions

| Evaluation criteria  | Total points |
|--|--------------|
| deep knowledge of theoretical and practical aspects of the program material, comprehensive, consistent and competent presentation              | 175 -<br>200 |
| thorough knowledge of the main questions of the program material, logical and competent presentation, avoiding significant mistakes in answers | 145 -<br>174 |

|  |               |
|--|---------------|
| knowledge of only the key issues of the program material, inaccurate phrasing  | 125 - 144     |
| incomplete knowledge of the main questions, the eapplicant understands the material only in a general form, the answer is incomplete and shallow, the wording is not correct enough, the sequence of the presentation of the material is broken, difficulties arise when giving examples | 100- 124      |
| ignorance of key issues of the program material, inability to support theoretical explanations with examples from practice, making significant mistakes  | less than 100 |

Applicants who received 100 points or more according to the results of the professional entrance exam are allowed to participate in the competition.

## **CONTENTS OF THE PROGRAM**

### **WORLD ECONOMY AND INTERNATIONAL ECONOMIC RELATIONS AS SCIENTIFIC CONCEPTS**

World economy and its reproductive process. Geoeconomic "framework" of the modern world economic system. Geoeconomics.

The concept of the world-system. "Center, periphery, semi-periphery", peculiarities of their development and mutual relations.

International economic relations as a science and knowledge system. Modern structure of international economic relations. Prerequisites for the formation of industrial civilization and the world market. Scientific and technological arrangements. Transformational processes in the sphere of production and economic forms of society under the conditions of globalization. Strengthening the process of monopolization of production and capital. Deepening the process of internationalization of economic life.

The monetary and financial system of the world. Modern world currency system. The International Monetary Fund (IMF), the World Bank - their role in the development of international economic cooperation.

Changes in the scale, forms and directions of capital export. Creation of mixed foreign direct investment companies. Formation of three global centers of economic power. Strengthening the role of TNCs in the world economy. State and trends of international trade development.

Modern global trends in economic development. Competitiveness of the national economy. Economic security of the country. Modern challenges to humanity and global transformations in the world economy and international relations. Prerequisites for the formation of a post-industrial economy. Signs of the development of the knowledge economy.

The place of Ukraine in the world economy system.

### **INTERNATIONAL ECONOMIC SYSTEM**

The essence of the international economic system and the content of its structural elements.

Internationalization of economic life, globalization of economic growth as factors of the integrity of the international economic system.

Factors of heterogeneity in the development of the world economy. Classification of the countries of the world according to the level of socio-economic development and national income (typological approach). Characteristic features of the economy of highly developed, medium-developed and developing countries. Socio-economic development of developing countries.

World economy, its mathematical interpretation. Modern development trends. Problems of world economic balance. Increasing inequality in the global economy. Contradictions as a driving force in the formation of the world economic system. Ways of harmonization of international economic relations.

Regional economic integration as a regularity of the development of the world economy. The structure of the modern world economy and the characteristics of its components. Subjects of the world economy and international economic relations.

Contradictions in the development of the world economy.

The concept of sustainable socio-economic development.

### **INTERNATIONAL DIVISION AND COOPERATION OF LABOR**

International division of labor (IDL) as a product of industrial civilization. Interrelationship of the world market and the international division of labor. The international division of labor is the basis of international economic relations.

Characteristics of the main IDL models. A. Smith's theory of absolute advantages, D. Ricardo's comparative advantages. Heckscher-Ohlin-Samuelson model. Leontiev's paradox.

The theory of development of the "peripheral economy". Analysis of changes in the IDL system under the influence of the scientific and technological revolution and global socio-economic transformation. Dialectics of international division and international cooperation of labor and production.

The main factors of the development of the international division of labor in modern conditions: ensuring conditions for growth; saving national labor costs, replacing material, financial, technological, investment, and labor resources. The role of scientific potential in the modern IDL system.

Forms and types of international division of labor, specialization and cooperation of production. Economic efficiency of the international division of labor. New phenomena in the international division of labor.

Comparative and competitive advantages of the economy of Ukraine in IDL. National competitiveness of the economy of Ukraine: potential and features of its use.

### **INTERNATIONALIZATION OF ECONOMIC LIFE IN THE CONDITIONS OF GLOBAL TRANSFORMATION**

The essence of internationalization of economic life. Internal and external factors of internationalization of production and circulation. Forms of manifestation of internationalization of economic life. The main stages of internationalization of economic life.

Internationalization of the world economy and globalization as scientific categories. Internationalization of economic activity and economic integration: common and different.

Peculiarities of internationalization of exchange. Deepening intra-industry specialization in the global economy. The essence and forms of international production cooperation. Scientific and technological factors of internationalization.

Internationalization of financial capital. Internationalization of production. The role of TNCs in the development of international industrial relations. In-house international production specialization in modern conditions. Problems and prospects of multinational production. The development and diversification of forms

of international economic relations as a manifestation of the process of strengthening the internationalization of economic life on a global scale.

### **ECONOMIC GLOBALIZATION AS THE MOST IMPORTANT COMPONENT OF MODERN WORLD ECONOMIC PROCESSES**

Economic globalization. Criteria, indicators and main indicators that reflect the dynamics of the globalization process. The reasons for the emergence of new subjects of economic globalization (international organizations, the "big seven", regional economic and financial organizations, multinational corporations, institutional investors, etc.). Historical types and structural levels of economic globalization. Economic components of globalization. The place and role of Ukraine in the modern globalization process.

The essence and stages of economic globalization. Causes and driving forces of globalization. Trends and contradictions of globalization. Threats of globalization of the world economy. Global problems of our time, their classification. Global problems as challenges to the modern development of human society. Indicators of the degree of integration of the world's economies into the global economy. Dynamics of the export quota in modern conditions.

Competitiveness in the conditions of globalization. The nature of international competition. Global strategy. Corporate strategy. Global industries. Strategies of the company's penetration into international markets.

Globalization and development of TNCs. Advantages that globalization provides to consumers. Advantages that globalization provides to national manufacturers. The main positive consequences of globalization. Causes of economic crises in the context of globalization. The problem of uneven development of the world's countries under the influence of globalization. Problems and negative phenomena caused by globalization processes at the level of individual countries. Problems of globalization and its consequences for developing countries. Possible negative consequences of globalization processes for highly developed countries.

Problems in world economic processes caused by globalization. The problem of uneven development of the world's countries under the influence of globalization. Problems and negative phenomena caused by globalization processes at the level of individual countries. Problems of globalization and its consequences for developing countries. Possible negative consequences of globalization processes for highly developed countries.

Peculiarities of the development of the economy of Ukraine in the conditions of globalization. The place of Ukraine in the global economic system. Regional and global economic ties of Ukraine.

### **MODERN MODELS OF ECONOMIC DEVELOPMENT, THE PROBLEMS OF THEIR USE BY DIFFERENT TYPES OF COUNTRIES OF THE WORLD**

Models of economic development. Theoretical and methodological base of the most important models of economic development. The model of "catch-up modernization", its use by the countries of the world. Innovative model of economic

development, its main components, possibilities of use. Basic forms of territorial organization. "Economy of knowledge". Innovative model and economic development of Ukraine.

Clusters, alliances, networks in the modern world economy.

### **INTEGRATION PROCESSES IN THE GLOBAL ECONOMY**

The essence of economic integration. Levels of implementation of economic integration and manifestation of its effect. The main requirements for the success of regional economic integration according to the theory of integration.

The most important integration economic entities of the world. EU, USMCA.

Integration groups in developing countries. Southeast Asia; Association for Regional Cooperation of South Asia; Common market of the countries of the Southern Cone; economic unions in Africa, the Maghreb Economic Community, the Customs and Economic Union of Central Africa, etc.

APEC, BRICS.

### **FOREIGN TRADE**

The role of foreign trade in the development of the economy of individual countries. Standard model of international trade. Volume, structure and directions of foreign trade in modern conditions.

The main factors of the growth of international trade. Geographical distribution of foreign trade. Changes in the commodity structure of foreign trade. The main causes and consequences of the increase in mutual trade between industrialized countries. Reduction of the specific weight of developing countries in international trade. The place of newly industrialized countries in world trade.

Modern foreign concepts on international trade. Uneven development of foreign trade. Foreign trade of the main centers of economic power. World trade and TNCs. Services as the most dynamic modern factor of modern world trade.

Patterns of pricing on the world market. Market value and production price, international value and world price. Features of pricing in the modern era. Transnational corporations and their influence on the pricing process. Irregularity of price movement on the world market. Dumping prices. Terms of trade and ways of their harmonization. Methods of regulation of international trade. Taxation in foreign trade. Uneconomic methods of regulation. WTO/GATT and its importance in the development of world trade.

Foreign trade of Ukraine. Problems of improving the structure of export-import supplies.

### **INTERNATIONAL INVESTMENT ACTIVITY**

Internationalization of capital and production in the post-war period. Volumes, dynamics and structure of foreign direct investments. The main flows of international capital exchange.

Theories of international movement of capital. Trends in the development of international entrepreneurial activity. Social, economic and political consequences of the influence of TNCs on host countries. Criteria of attractiveness of the country

for potential investments from the point of view of TNCs. Problems and contradictions of capital export and strengthening of the role of transnational corporations. Factors of international investment. International investment market. Trends in the formation of international investment infrastructure.

Changes in the specific weight of the main economic centers in the export of capital, forms and types of foreign investment. Activities of international investment institutes in the field of capital export. Problems of insurance and protection of foreign investment activities. Directions and means of implementing the policy of stimulating the attraction of foreign investments.

The main forms of joint international entrepreneurship. Transnational corporations, joint ventures, free economic zones and their role in the modern world economy.

Foreign investments in the economy of Ukraine. Creation of political-economic and normative-legal prerequisites for the development of international business activities on the territory of Ukraine. Trends and dynamics of attraction of foreign investments in the economy of Ukraine.

## **INTERNATIONAL SCIENTIFIC AND TECHNICAL COMMUNICATIONS**

Driving forces of the development of modern international productive forces. The role of scientific and technical exchange in the world reproductive process. The scientific and technical revolution and its influence on the development of forms of international economic relations. Forms, scales and structure of international scientific and technical relations.

The essence and forms of international technological exchange. International license exchange: objects of licenses, types of license agreements, forms of license payments. Operations with "know-how" on the international market. Engineering services in international economic relations. Main features of international franchising. Information markets. International regulation of technological exchange.

Features of modern international technological exchange. Classification of high technologies. The participation of TNCs in R&D in the conditions of globalization.

The main forms of development of international scientific and technical cooperation. Problems of accelerating scientific and technological progress of developing countries. Formation of a technological model of the international division of labor. Economic efficiency of international scientific and technical cooperation.

Modern trends of Ukraine's participation in international scientific and technological exchange.

## **LABOR MIGRATION IN THE GLOBAL ECONOMY**

The world labor market and international labor migration. The concept of international labor migration. Demographic, economic and social factors of international labor migration. Forms of labor migration. Labor migration in the system of international economic relations. Modern concepts of international labor



migration. The main economic and social consequences of international labor migration.

The main features and directions of modern migration processes. The role of the scientific and technical revolution in the development of labor migration, scientific and engineering personnel. International corporations and labor migration. The impact of economic integration on the internationalization of the labor market. Main international labor markets.

Transnational labor market regulation. Modern centers of international labor attraction. The role of migrants in the economic development of countries of immigration. Principles of immigration policy of world states. International labor migration and balance of payments.

## **INTERNATIONAL CURRENCY AND FINANCIAL AND CREDIT RELATIONS**

System of international finance. Objective necessity and economic essence of international finance. Purpose, place and role of international finance in the modern world economic system.

Evolution of the world currency system. National and world currency systems. Paris gold standard system. The Genoese system of the gold exchange standard. Bretton Woods and Jamaican (Kingston) monetary and financial systems.

The world financial market and its structure. Financial centers.

International credit market and lending technologies. International credit as an economic category. Forms of international credit. Terms of international credit. International lending and financing of developing countries.

Foreign exchange markets and foreign exchange transactions. Operations on the foreign exchange market. Economic functions of the exchange rate. Methodology for determining exchange rates. Fixed and floating exchange rates. Currency convertibility.

Finance of transnational companies. Financial policy of corporations. Corporations on the financial market. External means of financing transnational companies.

International settlements. Currency and financial and payment terms of foreign economic agreements. The most common forms of international settlements in world practice.

The balance of payments as a final indicator of the country's global economic relations. Economic content of the balance of payments. Structure of the balance of payments. Factors affecting the state of the balance of payments. State regulation of the balance of payments. Balance of payments of Ukraine.

Debt in the system of international finance. Reasons for external debt. Problems of foreign debt servicing.

Ukraine in the global financial market. Formation of the currency and financial market of Ukraine. Formation of the system of currency regulation and currency control. Problems and prospects of Ukraine's entry into the international financial system.

## **THE INFRASTRUCTURE OF MODERN INTERNATIONAL ECONOMIC RELATIONS**

International economic relations (IER): definition, differences from the concept of "international economy". Structure of IER.

The role of infrastructure in the formation of a complete system of modern IER.

Problems and trends in the functioning of the international transport system and its various subsystems (sea, road, railway, pipeline and other types of transport). Characterization of the role of the international information system, which provides the global production process.

International communication system, international statistical systems, international standardization systems and other elements of the infrastructural component of the IER system.

International organizations in the field of transport, communication, information and other infrastructure sectors. Important international agreements in the field of production and information infrastructure. Production and information infrastructure of Ukraine as a factor of diversification of foreign economic relations.

## **GLOBAL PROBLEMS OF THE WORLD ECONOMY AND IER AS CONTEMPORARY CHALLENGES**

The essence and objective prerequisites of the emergence of global problems of our time. The concept of "global problems".

Arms race as a global problem. The problem of the population and its quality of life. Food problem: scope and prospects. Exacerbation of the global environmental problem at the current stage. The global water management problem as a factor restraining economic development. The problem of raw material supply for the world economy. The global energy problem and ways to solve it.

Socio-political problems. Global problems related to overcoming backwardness, poverty and hunger of developing countries, improving the quality of life of their population. The concept of a new international economic order.

Global problems of the world economy, which are determined by the development of scientific and technical progress, education and culture, population growth, strengthening of health care.

The question of ensuring national sovereignty in the conditions of aggravation of global problems of the world economy.

Problems of foreign debt of countries. Socio-economic reasons for the emergence of the problem of foreign debt.

Control over the activities of TNCs. Causes of the problem; national levels and international cooperation in the field of control over the activities of TNCs. Forms and methods of control over the activities of TNCs.

The role of the UN in solving global problems of the modern world economy.

## **PROGNOSTIC ASSESSMENTS OF THE DEVELOPMENT OF THE WORLD ECONOMY**

"Club of Rome" on the limits of world economic development and population growth. Characteristics of the main futurological concepts of the development of the world economy. The main options and scenarios of world economic development.

Modern risks for the development of the world economy and human society according to the versions of the International Economic Forum. Ways to overcome existing crises.

## **ECONOMIC AND MATHEMATICAL MODELING OF ECONOMIC PROCESSES**

Strategy and concept of economic development. SWOT analysis as a method of assessing economic development opportunities. Forecasts of the development of the world economy and the system of international economic relations for the medium-term (10-15 years) and long-term perspective. Calculation methods.

Dynamics of the main world economic processes. Paces and proportions of development of the world economy. The main sectors of the development of the world economic system. Problems of leveling the levels of socio-economic development of individual countries and regions. Forecasts of movement of the main types of resources. Economic and mathematical modeling of global economic processes.

Econometric and balance models. "Leontiev matrix" and the possibilities of its use for the formal expression of connections between various elements of the IER system. Regression, correlation, cluster analysis of global economic processes. Gravity model of international trade.

Linear programming as a method of solving logistical problems in the economy.

## RECOMMENDED LITERATURE

1. Міжнародні економічні відносини: підручник / За ред. А. П. Голікова, О. А. Довгаль. Х. : ХНУ імені В. Н. Каразіна, 2014/
2. Catherine R. Schenk. International Economic Relations since 1945 (The Making of the Contemporary World). 2nd Edition. 2021. Routledge.
3. International Economic Relations - Theories, strategies, policies, tools and case studies // Gheorghe Hurduzeu (Editor), Luminița Nicolescu (Editor). 2019. EDITURA ASE.
4. Mukherjee B., Hallerberg M., Kucik J. Principles of International Political Economy. 2020, Oxford University Press Inc
5. Carbaugh R. J. International Economics. 2022, South-Western College Publishing.
6. Gerber J. International Economics. 2020, Pearson.
7. Feenstra R. C. International Macroeconomics. 2020, Worth Publishers.
8. Kalinowski T. Why International Cooperation is Failing: How the Clash of Capitalisms Undermines the Regulation of Finance. 2019, Oxford University Press.
9. Morris S., Oldroyd J. International Business. 2018, Wiley.
10. Rodrik D. The Globalization Paradox: Democracy and the Future of the World Economy. 2012, W. W. Norton & Company.

Approved:

at the meeting of Artur Golikov International Economic Relations Department, protocol No. 13 dated 25.03..2024

Agreed:

at the meeting of the Scientific and Methodological Commission of the Faculty of International Economic Relations and Tourism Business, protocol No. 11 dated 26.03.2024

at the meeting of the Academic Board of the Faculty of International Economic Relations and Tourism Business, protocol No. 14 dated 28.03.2024

Head of the subject committee,

Doctor of Economics, professor of Artur Golikov International Economic Relations Department  
Olena DOVGAL

Protocol No. 2 dated 15.04. 2024 was approved at the meeting of the Admissions Committee of V. N. Karazin Kharkiv National University.

Responsible secretary

Admissions Committee of the V. N. Karazin Kharkiv  
National University

Serhii Yeltsov