

Program of entrance exam for studying under the educational and professional program of Master's degree in speciality C1 Economics and International Economic Relations (by specialisations), educational program 'International Economic Relations'

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General provisions

The program is the primary scientific and methodological document that regulates the content of the entrance exam. It is designed to ensure a comprehensive approach to assessing the theoretical and practical preparation of master's program applicants and to determine their level of knowledge.

The purpose of the program

The program aims to define the scope and required level of theoretical knowledge and practical skills for applicants.

A master's program applicant should **have knowledge** of:

- The structure of international economic relations;
- Modern theories of international economic relations;
- The essence of classical schools in the theory of international economic relations;
- The main subjects and objects of international relations;
- International economic and financial organizations and their role in international relations;
- The modern typology of world countries, including structural relations between the industrial, agricultural sectors, and the service sector in different types of countries;
- Regional economic integration formations of world countries;
- Principles and forms of foreign trade organization;
- The mechanism of exchange rate formation;
- Forms and conditions of crediting by international and regional currency-credit and financial organizations;
- Methods of regulating a country's balance of payments;
- Theoretical foundations of legal regulation in foreign economic relations of Ukrainian business entities, as well as the business activities of foreign entities;
- Practical knowledge of legal regulation in the field of foreign economic activity;
- The theory and practice of applying international marketing;
- The essence of global currency and credit relations;
- Types of foreign trade;
- The main tasks of accounting and analysis in foreign economic activity;
- Methods of economic and mathematical modeling of global economic processes (using computer technologies);
- Current issues of the global economy and international economic relations.

A master's program applicant should **be able to**:

- Evaluate Ukraine's geopolitical and geo-economic position in the modern world, its place based on key macroeconomic indicators, quality of life (HDI), and competitiveness ranking;

- Apply acquired knowledge in conducting foreign economic operations;
- Understand investment processes occurring in the international capital market;
- Analyze securities markets;
- Form an investment portfolio, review and assess its effectiveness;
- Develop a well-grounded understanding of the potential of participants in international relations;
- Analyze and assess the foreign economic potential, export capacity, and investment attractiveness of specific regions and countries;
- Forecast exchange rate fluctuations;
- Conduct foreign exchange operations;
- Calculate GDP based on statistical income data of a country's citizens;
- Navigate different forms of international credit and assess their costs;
- Utilize the system of regulatory and legal acts governing foreign economic activity in Ukraine;
- Determine the export orientation of the country's economic sectors;
- Identify trends and dynamics in the export and import of goods and services and calculate their forecasts;
- Select trade partners for product distribution, considering the partner's economic specialization and demand for specific goods;
- Analyze the state of modern global commodity and service markets;
- Independently understand and interpret complex international events;
- Complete and file a customs declaration;
- Organize accounting in an enterprise engaged in foreign economic activity;
- Accurately determine the value of a foreign trade contract based on sales conditions;
- Differentiate types of foreign trade and correctly reflect them in accounting;
- Apply acquired knowledge in analyzing intergovernmental relations;
- Utilize modern methods of economic and mathematical modeling of global economic processes and work with computer technology.

The procedure for establishing, organizing, and operating the professional attestation commission is regulated by the Admission Rules of V. N. Karazin Kharkiv National University for 2025 and the Regulations on the Admission Committee of V. N. Karazin Kharkiv National University.

Examination Task Format – Tests: 50 test questions (4 points for each correct answer).

Tests Evaluation Procedure (for applicants applying for a Master's degree)

<i>Number of correct answers to the tests</i>	<i>Number of points</i>
50	200
49	196
48	192
47	188
46	184
45	180
44	176
43	172
42	168
41	164
40	160
39	156
38	152
37	148
36	144
35	140
34	136
33	132
32	128
31	124
30	120
29	116
28	112
27	108
26	104
25	100
1-24	unsatisfactory

An applicant is admitted to participate in the competitive selection for admission to study if the score of the professional entrance examination is at least 100 points.

EXAM PROGRAM

Topic 1. Countries of the World and Their Modern Typology.

Modern political map of the world. Criteria for defining subsystems in the global economic system. Objective and subjective factors determining different levels of socio-economic development of countries. Typologies of countries according to the UN methodology, differences in GDP production structure, competitiveness, and quality of life. Stages and phases of country development according to W. Rostow.

Topic 2. Economic Resources (Factors of Production).

Factors of production, their classification by origin and degree of specialization, and their availability in different countries. Mobility of production factors. Relationship between factor endowment and the level of socio-economic development of countries.

Topic 3. International Division of Labor (IDL).

Geographical and international division of labor. Theoretical basis of international labor division. Indicators of country participation in the international division of labor. Specialization and cooperation. Factors influencing the modern international division of labor. Contemporary trends. Methods for determining country specialization.

Topic 4. International Economic Relations.

The essence of international economic relations and their two main components. Main forms of international economic relations: foreign trade, scientific and technical cooperation, investment activity, specialization and cooperation, currency-credit and financial relations, activities of international economic and financial organizations. System of international transport and communications.

Topic 5. Theories of International Relations.

Major theoretical directions in international relations: classical, idealistic, and Marxist approaches. Classification of modern theories of international relations. Leading domestic and foreign scholars in international economic relations and their contributions. Types and structures of international systems: bipolarity and multipolarity. The essence and role of the state as an actor in international relations. Structure of global economic processes and their characteristics in the modern world. Methods for studying international relations and foreign policy.

Topic 6. International Trade.

Development of international trade theory. Mercantilism as one of the first theories of global economic relations. Classical theories of absolute and comparative advantage by A. Smith and D. Ricardo. Heckscher-Ohlin factor proportion theory. Leontief paradox. Modern theories. Standard model of international trade. Gravity model of international trade. Modern international trade: status, key trends, structure. Standard model of international trade. Modern trade policy: protectionism and liberalization. Major state regulatory measures in foreign trade. Customs tariff system as an instrument of trade regulation. Non-tariff regulation methods. Key forms and methods of international trade. Foreign trade contracts. International trade in services. Conjunction of global commodity and service markets. WTO activities. Pricing in international trade.

Topic 7. International Capital Movements.

The essence of capital movements. Theoretical basis, main causes, and forms of capital flows. Direct and portfolio investments. Major state regulatory measures for direct investments. Scale of international capital flows. Concept of investment climate. Investment risks. Impact of direct investments on the economy of recipient and donor countries. Modern trends and geography of international capital movements. Global credit markets. Structure and functions. Major international financial centers. Ukraine in the international capital market.

Topic 8. Transnational Corporations (TNCs).

Internationalization of economic activity and the corporate globalization process. Types of multinational corporations and their strategies. Role of TNCs in international trade and capital movement. Impact of TNCs on host and home countries. Influence of globalization on TNCs.

Topic 9. International Labor Migration.

Historical development of international labor migration. Stages and patterns of migration processes. Main directions of modern labor migration. Major global labor markets: Western Europe, USA, Middle East, Latin America, Australia. Consequences of international labor migration for countries. State regulation of labor migration. Ukraine in the international labor migration system.

Topic 10. The Global Monetary System.

Evolution of the global monetary system. International currency market. Currency market participants. Functions and structure. Interbank currency market. Currency exchange. Currency quotations. Types of exchange rates. Factors influencing exchange rates and state regulatory measures. Types of currency operations. Balance of payments and regulatory measures. Currency risk hedging methods. International settlements. International securities market. External debt. Global financial crises. Currency market of Ukraine.

Topic 11. International Economic Integration.

The essence and theoretical foundations of international economic integration. Stages of the integration process. Effects of international economic integration. Levels of integration formations and their characteristics. Dynamics of integration processes. Features of integration among developed and developing countries.

The role of transnational corporations (TNCs) in the development of integration processes.

Implementation of the EU-Ukraine Association Agreement in trade, scientific-technical, and international policies.

Regional integration formations in Europe, Asia, America, and Africa. Supra-integration economic formations – APEC, BRICS, SCO, MIKTA. Ukraine in international integration processes.

Topic 12. International Economic Organizations.

The modern system of international organizations. The UN as a coordinator of state cooperation in economic, social, and humanitarian fields. International monetary and financial organizations: the International Monetary Fund (IMF), the World Bank Group and its structure (IBRD), the International Development Association (IDA), the International Finance Corporation (IFC), the European Investment Bank (EIB), and the European Bank for Reconstruction and Development (EBRD). OPEC, WEF, and other governmental and non-governmental organizations.

Ukraine's cooperation with international financial and economic organizations.

Topic 13. The World Economic System and Its Structure. Development Issues.

Main elements of the global economic structure and its subjects. Structural levels. Geopolitics and geo-economics. Their study objects. Stages of geo-economic activity.

World-systems theory: "core," "semi-periphery," "periphery."

The global reproduction process. Its components. Problems of asymmetry in global production. Problems of countries on the global "periphery." Income stratification. "Price scissors."

Topic 14. Theoretical Foundations of Development and Spatial Organization of the Global Economy.

Laws, regularities, and principles governing the development and distribution of the global economy.

The concept of sustainable economic development.

The international system of national accounts. Methods for calculating key macroeconomic indicators. The Human Development Index (HDI), its differences across countries with various socio-economic developments, and its geographical aspects.

Topic 15. Key Macroeconomic Indicators of the Modern Global Economy and Development Issues.

GDP, GNP, and NI production across different country types. Differences in per capita production volumes between industrialized "core" countries and the "periphery."

Industrial revolutions and their impact on global economic development. Positive and negative aspects of the 3rd and 4th industrial revolutions and their possible consequences.

Topic 16. Economic Development and Competition.

The essence of economic development and its components. The concept and strategy of sustainable economic development. Key components of an economic development strategy.

Competitiveness and its stages of development.

Factors of competitiveness according to M. Porter. Ways to enhance competitiveness.

Differences in the Global Competitiveness Index (GCI).

Topic 17. Research Methods for Global Economic Processes: Economic-Mathematical Modeling and SWOT Analysis.

Quantitative information and data processing. Methods of univariate and multivariate analysis (correlation-regression analysis, cluster analysis).

Matrix modeling, Leontief's input-output matrix, and their application possibilities.

The gravity model for calculating market zones and centers.

Linear programming in logistics problems.

SWOT analysis.

EXAM QUESTIONS
for applicants to study for a master's degree
in the educational program "International Economic Relations"

International Economic Relations

1. Types of international labor migration: final, temporary, seasonal, pendulum, voluntary, forced, workers and specialists.
2. Geographical division of labor as a prerequisite for international economic relations.
3. Economic environment of international economic relations.
4. Intellectual property and the world technology market. Mechanisms of international technology transfer.
5. Infrastructure of modern international economic relations.
6. Economic theories of the development of international economic relations.
7. Cluster analysis of phenomena and processes in international economic relations. Purpose, possibilities of use. Give an example.
8. Scale, structure and dynamics of international capital movements.
9. Migration of the population and labor force. The essence and factors of international labor migration.
10. The World Bank Group, its composition and purpose.
11. International Monetary Fund (IMF). Cooperation of Ukraine with the IMF.
12. International transport corridors. Ukraine in international transport corridors.
13. The main strategy of TNCs in the context of globalization. TNCs and nation states.
14. Political and legal environment of international economic relations.
15. The concept of the environment of international economic relations, structuring and features.
16. The concept and main features of regional integration. The most important regional integration entities in Europe, Asia, America, Africa.
17. Leading domestic and foreign scientists in the field of international economic relations, their scientific contribution.
18. Regional features of world economic development.
19. Regulation of international migration processes. Administrative, legal and economic regulation. Unilateral, bilateral, multilateral regulation within integration groups.
20. Levels of international economic relations (international economic contacts, interaction, cooperation, integration).
21. Stages and stages of economic development. Classification of countries of the world by stages and stages of economic development. Give an example.
22. Subjects of international economic relations (individuals, legal entities, the state, international organizations).
23. The essence of international scientific and technical cooperation and the main elements of its structure.

24. The essence of globalization, its positive and negative consequences.
25. The essence and evolution of transnational corporations (TNCs). Scale and specifics of activity.
26. Forms of international economic integration and the corresponding trade and economic relations between participating countries.
27. Formation and development of world labor markets.
28. The essence of concepts: globalization, regionalization, internationalization. Common features and differences.
29. Cross-border cooperation as a specific form of international economic relations. Euroregions.
30. SWOT analysis and its use in assessing international economic relations.
31. Balance matrix models and the possibilities of their use for the analysis and construction of international trade and economic relations (on the example of the Leontief matrix "input-output").

World economy

1. Production systems of globalization: economic clusters, territorial production complexes as forms of spatial organization of production, contributing to increasing its competitiveness..
2. GDP production: total world production, indicators of world production per capita. Differences in the volume of GDP production per person between countries of different levels of socio-economic development.
3. Free economic zones. Their types, role and significance in the development of national economies.
4. Geopolitics and geoeconomics. Stages of geoeconomic activity.
5. National economies of the least developed countries of the world: characteristic features.
6. The essence of economic development: its components according to the WEF methodology.
7. The world reproduction process. Its components.
8. Laws, patterns and principles operating in the development and location of the world economy.
9. Innovative development model. Elements of the model. Forms of territorial organization of innovative activity. Experience of use.
10. Competition and competitiveness, factors that determine them.
11. The concept of sustainable economic development.
12. Competitiveness, stages of its development. Global Competitiveness Index (GCI), differences between countries of the world.
13. International specialization of production. Methodology of determination.
14. International transport and information and communication systems.
15. Models of economic development of national economies.
16. The most important transport systems of the world. International transport corridors (ITC). ITC in the territory of Ukraine.

17. The model of "catch-up development". Elements of the mechanism of the model, its shortcomings. Experience of use.
18. Newly industrialized countries. Models of their economic development. Positive and negative experience.
19. The main macroeconomic indicators of the development of the world economy: world GDP production, its distribution between the countries of the "center" and the periphery.
20. The main elements of the world economic structure, its subjects. Structural levels.
21. The world economic system and its structure.
22. Sectors of the world economy, trends in their development in the conditions of scientific and technological progress and globalization.
23. Regulation of the activities of TNCs at the national and international levels.
24. Joint ventures (JVs). Their economic nature and essential features. Systematization of JVs, organizational, legal and economic features of the creation and functioning of JVs in world economic practice.
25. The essence and main features of market structures.
26. Modern trends in the world economy and the international division of labor.
27. Trend models in forecasting world economic processes. Give examples.
28. Human Development Potential Index (HDPI). Methodology for its calculations. Use.

International/Foreign Trade

1. Foreign trade contract: structure and content, types.
2. Foreign trade documents.
3. Methods of international trade.
4. International trade. Classical and alternative theories of international trade. Standard and gravity models of international trade.
5. International trade in goods and services. Current state, structure and indicators of international/foreign trade.
6. International technological exchange. International engineering.
7. International tourism: its types, geography.
8. Non-tariff means of regulating foreign trade.
9. Principles, essence and levels of regulation of international trade relations.
10. World Trade Organization (WTO) and its role in the development and regulation of international trade.
11. World market for services.
12. Insurance services on the world market.
13. Essence and modern forms of protectionism.
14. Theory of tariffs. Customs tariff and customs tax. Types of duties.
15. Forms of modern international trade.
16. Pricing in international trade. Types of prices. Price discounts. Basic terms of supply.

World Finance

1. The role of financial and credit resources in the world economy.
2. Financial architecture of the global economy.
3. Sources of global financial and credit resources and their dynamics.
4. Credit ratings and the global problem of world debt.
5. National and international monetary and financial systems: essence and element.
6. World financial market: functions and segments.
7. Classification of global financial market entities.
8. International organizations regulating monetary and financial relations.
9. The concept and structure of the world monetary system.
10. Evolution of the world monetary system.
11. European Monetary Union (Eurozone).
12. Current trends in the development of the world monetary system.
13. Classification of currencies in the modern economy.
14. Exchange rate and its regulation regimes.
15. Foreign exchange markets and currency transactions.
16. Monetary policy and its instruments.
17. The system of international settlements and its elements.
18. Modern forms of international settlements.
19. The concept, principles and structure of the country's balance of payments.
20. Balance and regulation of the balance of payments.

List of recommended references

1. Alekseenko I.V., Kuras A.I., Margulov A.H. Global Problems of International Relations and World Politics: Security Dimension. Textbook. Edited by Doctor of Pedagogical Sciences, Professor Alekseenko I.V. Dnipro: DSUIA. 2021.164 c.
2. Geography of the world economy (with the basics of economics): Study guide / Y.B. Oliynyk et al. 2011. - 640 c.
3. Golikov A.P. Introduction to the speciality 'International Economic Relations': a textbook / A.P. Golikov, N.A. Kazakova - Kharkiv: V.N. Karazin Kharkiv National University, 2016. 116 p.
4. Economic and mathematical modelling of world economic processes: Textbook - 3rd edition, revised and supplemented - K.: Znannya, 2009. - 222 p.
5. Globalisation and regionalisation as vectors of development of international economic relations: a collective monograph / edited by O. Dovgal, N. Kazakova - Kharkiv: V. N. Karazin Kharkiv National University, 2018. 540 p.
6. Grygorova-Berenda L.I., Shuba M.V. Theory and practice of foreign trade: a textbook / L.I. Grigorova-Berenda, M.V. Shuba. 2nd ed: V. N. Karazin Kharkiv National University, 2023. 136 p. Access mode: <https://ekhnuir.karazin.ua/handle/123456789/17818>.
7. The European Union: a textbook / [A.O. Boyar (head of the author's team), N.P. Karpchuk, N.I. Romaniuk, et al.
8. European Integration of Ukraine in the System of International Economic Integration: a textbook / I. Matiushenko, S. Berenda, V. Reznikov. Reznikov. - Kharkiv: V. N. Karazin Kharkiv National University, 2015. - 496 p.
9. Kozak Y.G. World economy: a textbook. K.: Centre for Educational Literature, 2019, 328 p.
10. International Economic Relations: Textbook / edited by A.P. Golikov, O.A. Dovhal - Kharkiv: V.N. Karazin Kharkiv National University, 2015. 464 p.
11. Matiushenko I. Y. Investing (in the context of international integration of Ukraine): a textbook. - Kharkiv: V. N. Karazin Kharkiv National University, 2013. - 396 p.
12. World economy: a textbook / edited by V.M. Fomishina - Odesa: Aldiplus, 2021. - 612 p.
13. World economy: textbook / edited by A.P. Golikov, O.A. Dovgal - Kharkiv: V.N. Karazin Kharkiv National University, 2015. 268 p.
14. World economy: a textbook / edited by O.I. Shnyrkov, V.I. Mazurenko, O.I. Rogach. Kyiv: Kyiv University, 2018, 616 p.
15. Sidorov O. A., Fisunen N. O., Alyoshina T. V. World economy and international economic relations: textbook; team of authors; edited by Doctor of Economics P. A. Fisunen - Dnipro: Art-Press, 2023 - 400 p.
16. Specificity of Ukraine's European Economic Integration in the Context of Association with the EU and the New Industrial Revolution: monograph / team of authors; edited by I. Matiushenko - Kharkiv: V. N. Karazin Kharkiv National University, 2023. 408 p.

17. Filipenko A.S. International Economic Relations: Theory: Textbook for students of economic specialities - K.: Lybid, 2008. 408 p.
18. Bulletin of V.N. Karazin Kharkiv National University. Series 'International Relations, Economics, Country Studies, Tourism'. Issues 1-5. - Kharkiv: 2020-2025.
19. Bulletin of Taras Shevchenko National University of Kyiv. International Relations. Series of economic sciences. 2020-2025.

The programme was approved:

at the meeting of the Department of International Economic Relations and Logistics, Protocol No. 14 dated 17.03.2025

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at the meeting of the Academic Council of the Karazin Institute of International Relations and Travel Business, Protocol No. 15 dated 18.03.2025.

Head of the Professional Attestation Commission, Tetiana MIROSHNYCHENKO
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Approved at the meeting of the Admissions Committee of V. N. Karazin Kharkiv
National University, Protocol No. 2 dated 20.03.2025.

Director of the Karazin Institute
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Mykola PYSAREVSKYI

Executive Secretary
of the Admissions Committee
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Hanna ZUBENKO