

**Ministry of Education and Science of Ukraine
State Higher Educational Institution
Uzhhorod National University**

**APPROVED
Minutes of the Academic
Council of Uzhhorod
National University**

30.06. 2025 № 7

**EDUCATIONAL-PROFESSIONAL PROGRAM
“International Economic Relations”
(for foreigners and persons without citizenship)
The first (Bachelor) degree of higher education
Specialty C1 Economics and International Economic Relations
specialization C1.02 International Economic Relations
fields of knowledge C Social Sciences, Journalism, Information and
International Relations**

**Qualification: Bachelor’s degree in economics and international economic
relations, specialization «International economic relations»**

**PUT INTO ACTION
Rector of
Uzhhorod National University
Order**

30.06. 2025 № 388/01-04

Uzhhorod 2025

AGREEMENT SHEET
educational-professional program
"International Economic Relations"

1. Rector

30.06.

2025



Volodymyr SMOLANKA

2. Guarantor of the educational-professional program

12.05.

2025

Kateryna BRENZOYCH

3. Dean of the Faculty of International Economic Relations

12.05.

2025

Mykola PALINCHAK

4. Head of the working group

12.05.

2025

Kateryna BRENZOYCH

5. Head of training

30.06.

2025

Anatoliy SHTYMAK

FOREWORD

Educational-professional program "International Economic Relations" for training students at the first (Bachelor) degree of higher education in specialty C1 Economics and International Economic Relations specialization C1.02 International Economic Relations is developed in accordance with the «Higher Education» Law of Ukraine dated 01.07.2014 № 1556-VII and Order of the Ministry of Education and Science of Ukraine dated 11.03. 2025 № 438 "On approval of specializations of the specialty C1 Economics and International Economic Relations" (by specializations), for which a state (regional) order is placed.

Developed by a working group, consisting of:

Brenzovych K.S., Candidate of Economic Sciences, Associate Professor (head of the working group)

Group members:

Prykhodko V.P., Doctor of Economic Sciences, Professor, Head of Department of International Economic Relations

Kushnir N.O., Candidate of Economic Sciences, Associate Professor, Department of International Economic Relations

Erfan E.A., Candidate of Economic Sciences, Associate Professor, Department of International Economic Relations

Tsalan M.I., Candidate of Economic Sciences, Associate Professor, Department of International Economic Relations

Devitska A.I., Candidate of Philological Sciences, Associate Professor,
Department of the Theory and Practice of Translation
Tsymbolynets H.I., Head of the Zakarpattia Agency of Regional Development

Kadar A.I., 4th year student of the specialty 292 International Economic Relations

Reviews and feedback from external stakeholders:

Kindrat O.O., Chairman of the Transcarpathian Regional Employers' Organization, Chairman of the Regional Branch of the Ukrainian Union of Industrialists and Entrepreneurs

Fomenko I.V., General Director of Jabil Circuit Limited LLC

1. Profile of the educational « International Economic Relations»

1-General information	
Full name of higher educational institution and structural unit	Uzhhorod National University, Faculty of International Economic Relations
Higher education level and the name of the qualification	Degree in higher education - Bachelor Academic qualification is a bachelor in economics and international economic relations, specialization «International economic relations»
The official name of the educational program	International Economic Relations
Рівень вищої освіти	First (Bachelor)
Type of diploma and volume of educational program in ECTS	Bachelor's degree, unitary, 240 ECTS credits
Розрахунковий строк виконання освітньої програми	4 years (full-time, part-time)
Форма здобуття освіти (денна, заочна, дистанційна, дуальна)	Full-time, part-time
Availability of accreditation	Accreditation Commission of the Ministry of Education and Science of Ukraine. The certificate is valid until 01.07.2025. Accreditation certificate ND series №0791832
Cycle / Level	NRC of Ukraine - level 6, FQ-EHEA – first cycle, EQF-LLL – level 6
Prerequisites	Terms of admission are determined by the "Rules of admission to Uzhhorod National University"
Teaching languages	English, Ukrainian
The duration of the educational program	Until the next update in accordance with the validity of the accreditation certificate
Internet address of the permanent description of the educational program	http://www.uzhnu.edu.ua/uk/infocentre/15068
2-The purpose of the educational program	
Training of highly qualified specialists in the field of International Economic Relations with knowledge of trends and features of the world economy, including international trade, international finance, international migration of capital and labor, integration processes, skills of analysis, modeling and forecasting of world economic processes, knowledge of foreign languages that promotes competitiveness in national and international labor markets.	
3-Characteristics of the educational program	
Subject area (branch of knowledge, specialty, specialization)	Branch of knowledge: C Social Sciences, Journalism, Information and International Relations Specialty C1 Economics and International Economic Relations Specialization C1.02 International Economic Relations
Orientation of the educational program	Educational-professional
The main focus of the educational program and specialization	Specialty C1 Economics and International Economic Relations

	<p>Specialization C1.02 International Economic Relations</p> <p>Objects of study – the functioning and development of the world economy, forms of international economic relations and mechanisms for their implementation, motivation and behavior of actors in international economic relations at the micro, meso, macro and mega levels, in the evolution of international relations and international cooperation.</p> <p>The theoretical content of the subject area – the economics of world economic relations with its patterns of formation and development of social reproduction processes in their relationship and interdependence based on international economic activity, international division of labor and institutional regulatory mechanism in the process of transformation of international economic relations and international economic cooperation.</p> <p>Objectives of study – training of specialists capable of solving specialized complex tasks and practical problems, characterized by the complexity and uncertainty of conditions in the field of international economic relations.</p> <p>Methods, methodology and technologies: methods of theoretical and empirical research, economic and mathematical analysis and forecasting, methods of data analysis, technology of search and processing of information, expert evaluation of the results of implementation of international economic relations.</p> <p>Instruments: modern information and analytical systems, standard and special software products.</p>
<p>Features of the program</p>	<p>The program provides the formation of professional knowledge and skills necessary for international economic cooperation at all levels, aimed at developing the ability to work independently, develop and implement international projects by providing multidisciplinary training of specialists, capable of adapting to new professions, types and forms of employment in the economy in conditions of rapid development of the world economy and globalization. The program also focuses on practical language training of specialists (translation) in a specific area of international economic relations, and the elective educational component provides an educational focus in the field of economic diplomacy, investment policy, international business or international economics.</p>

4-Eligibility of graduates to employment and further training	
Suitability for employment	The Bachelor of International Economic Relations acquires the required level of knowledge and skills, which allows him to hold the following positions: economist, international trade economist, foreign economic expert, economic adviser, investment analyst, economic observer, attache, diplomatic agent, manager of foreign economic activity, translator.
Further training	Studying at the second (Master's) level of higher education.
5-Teaching and evaluation	
Teaching and learning	Studentcentered learning, self-study, problem-based learning. Lectures, practical classes, classes in small groups (laboratory classes in a foreign language, second foreign language, theory and practice of translation), internship and training practice, preparation of course work, writing a bachelor's thesis.
Evaluation	<p>Evaluation of the level of mastery by students of the educational program is carried out on a point-rating system and includes modular control, current control, final control, including written and oral exams, tests, differentiated tests (defense of practice), course papers with defense, defense of qualifying work.</p> <p>Evaluation of higher education students' knowledge is carried out in accordance with the normative documentation of Uzhhorod National University.</p> <p>Regulations on the organization of the educational process in the State Higher Educational Institution "Uzhhorod National University" https://www.uzhnu.edu.ua/uk/infocentre/get/31357.</p> <p>Regulations on the procedure and methods of conducting semester (course) exams and tests at Uzhhorod National University https://www.uzhnu.edu.ua/uk/infocentre/get/5952,</p> <p>Regulations on Attestation of Higher Education Applicants and Examination Commission in the State Higher Educational Institution "Uzhhorod National University" https://www.uzhnu.edu.ua/uk/infocentre/get/11070 in compliance with the norms of academic integrity in accordance with the Regulations on Academic Integrity at Uzhhorod National University https://www.uzhnu.edu.ua/uk/infocentre/get/12223.</p> <p>Credit transfer is based on the Regulation on recognition (re-crediting) of ECTS credits for participants of academic mobility programs at Uzhhorod National University https://www.uzhnu.edu.ua/uk/infocentre/get/20131. The procedure of evaluation of higher education applicant also takes into account the results of non-formal education in accordance with the Regulations on the procedure for recognition of learning results obtained in non-formal</p>

	<p>education in Uzhhorod National University https://www.uzhnu.edu.ua/uk/infocentre/get/22966.</p> <p>There is a clear procedure for reviewing appeals of higher education applicant, which is described in the Regulations on the Procedure for Applying Measures to Resolve Conflicts and Disputes in the Activities of Employees and Higher Education Applicant at Uzhhorod National University https://www.uzhnu.edu.ua/uk/infocentre/get/22964</p> <p>And in the Regulations on the procedure for appealing the results (appeal) of assessment at Uzhhorod National University https://www.uzhnu.edu.ua/uk/infocentre/get/22967</p>
6-Program competencies	
Integral competence	Ability to solve complex specialized tasks and practical problems and problems in the field of international relations in general and international economic, in particular, as well as in the learning process, which implies the application of new theories and methods in conducting comprehensive research of world economic relations, is characterized by complexity and uncertainty.
General competencies (GC)	<p>GC1. Ability to implement one's rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine;</p> <p>GC2. Ability to preserve and increase moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies, to use different types and forms of physical activity for active recreation and healthy lifestyle.</p> <p>GC3. Ability to learn and be modernly trained.</p> <p>GC4. Ability to plan and manage time.</p> <p>GC5. Ability to communicate in Ukrainian both orally and in writing.</p> <p>GC6. Ability to communicate in foreign languages.</p> <p>GC7. Skills in the use of information and communication technologies.</p> <p>GC8. Ability to think, analyze and synthesize.</p> <p>GC9. Ability to be critical and self-critical.</p> <p>GC10. Ability to communicate with others professional groups of different levels (with experts from other fields of knowledge / types of economic activity).</p> <p>GC11. Ability to work in a team.</p> <p>GC12. Ability to understand the subject area and understanding of professional activity.</p>

	GC 13. The ability to make decisions and act in accordance with the principle of inadmissibility of corruption and any other manifestations of dishonesty.
Special (professional) competencies (SC)	<p>SC1. The ability to identify the characteristics and trends of the world economy, features of economic policy implementation and world integration/disintegration processes, including Euro-Atlantic integration.</p> <p>SC2. The ability to use basic categories and modern theories, concepts, technologies and methods in the field of international economic relations, taking into account their main forms, to apply theoretical knowledge on the functioning and development of international economic relations.</p> <p>SC3. The ability to identify features of the functioning of the environment of international economic relations and models of economic development.</p> <p>SC4. The ability to substantiate the features of implementation of international economic relations forms at the mega-, macro-, meso- and micro-levels.</p> <p>SC5. The ability to conduct complex analysis and monitoring of world markets conjuncture, assess changes in the international environment and be able to adapt to them.</p> <p>SC6. The ability to analyze international markets of goods and services, tools and principles of international trade regulation.</p> <p>SC7. The ability to analyze theories and mechanisms of implementation of international monetary, financial and credit relations.</p> <p>SC8. The ability to determine the functional features, nature, level and interconnection among the subjects of international economic relations of different levels and to establish communication among them.</p> <p>SC9. The ability to diagnose the state of researches of international economic relations and the world economy in an interdisciplinary combination with political, legal, natural sciences.</p> <p>SC10. The ability to substantiate the expediency of the application of legal, economic and diplomatic methods (means) for resolving conflict situations at the international level.</p>

	<p>SC11. The ability to conduct researches of economic phenomena and processes in the international sphere, taking into account causal and spatio-temporal relationships.</p> <p>SC12. The ability to use normative and administrative documents and reference materials in carrying out professional activities in the field of international economic relations.</p> <p>SC13. The ability to assess and analyze the security component in international economic relations.</p> <p>SC14. The ability to communicate at the professional and social levels using professional terminology, including oral and written communication in Ukrainian and foreign languages.</p> <p>SC15. The ability to apply methods, rules and principles of functioning of international economic relations for the development of Ukraine's foreign economic activity</p> <p>SC16. The ability to continuously improve the theoretical level of knowledge, generate and effectively use them in practice.</p> <p>SC 17. The ability to analyze and forecast changes in the environment of the functioning of enterprises that determine foreign economic activity.</p> <p>SC 18. Variable proposals in practice, modern approaches and methods of managing an enterprise involved in international economic activity.</p>
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7-Program learning outcomes

- PLO1. To be responsible for professional self-improvement, aware of the need for lifelong learning, to show tolerance and readiness for innovative changes.
- PLO2. To communicate freely on professional issues in the Ukrainian and foreign languages orally and in writing, to use economic terminology professionally.
- PLO3. To use modern information and communication technologies, software packages for general and special purpose.
- PLO4. To systematize and organize the received information on processes and phenomena in the world economy; to assess and explain the impact of endogenous and exogenous factors on them; to formulate conclusions and develop recommendations taking into account the specifics of the national and international environment.
- PLO5. To have the skills of self-analysis (self-control), be understandable to representatives of other business cultures and professional groups of different levels (with experts in other fields of knowledge/activities) on the basis of valuing diversity, multiculturalism, tolerance and respect for them.

PLO6. To plan, organize, motivate, evaluate and improve the effectiveness of teamwork, conduct research in a group under the leadership of a leader, taking into account the requirements and features of the presenting conditions of limited time.

PLO7. To apply the acquired theoretical knowledge to solve practical tasks and interpret the results meaningfully.

PLO8. To understand, highlight and describe new phenomena, processes and trends of global development, mechanisms and tools of implementing economic policy and global integration / disintegration processes, including Euro-Atlantic integration.

PLO9. To understand and be able to apply, in accordance with other requirements of the educational program, modern theories and methods of solving specialized complex tasks and practical problems in the field of international trade of goods and services, international capital movements, international monetary and financial relations, human resources mobility, international technology transfer.

PLO10. To identify and highlight the features of the functioning of the subjects of international relations and models of their economic development.

PLO11. To substantiate their own opinion on the specific conditions of the implementation of forms of international economic relations at the mega-, macro-, meso- and micro-levels.

PLO12. To carry out a comprehensive analysis of complex economic systems, contrast and compare their components, evaluate and justify evaluations of the effectiveness of their functioning.

PLO13. To select and skillfully apply analytical tools of studying the state and prospects of development of certain segments of international markets of goods and services using modern knowledge of methods, forms and tools of international trade regulation.

PLO14. To understand and apply the theories, principles, means and tools for the implementation of international monetary, financial and credit relations.

PLO15. To determine the functional features, nature, level and degree of relationships among the subjects of international economic relations of different levels and to establish communication among them.

PLO16. To demonstrate knowledge about the state of research of international economic relations and the world economy in an interdisciplinary combination with political, legal, natural sciences.

PLO17. To identify the causes, types and nature of international conflicts and disputes, substantiate and apply economic, legal and diplomatic methods and means of resolving them at the international level.

PLO18. To investigate economic phenomena and processes in the international sphere on the basis of understanding of categories, laws; highlighting and summarizing trends, regularities of functioning and development of the world economy, taking into account causal and spatio-temporal relationships.

PLO19. To understand and apply current legislation, international normative documents and agreements, reference materials, current standards and technical conditions, etc. in the field of international economic relations.

PLO20. To demonstrate knowledge of Ukraine's national interests, taking into account the security component of international economic relations.

PLO21. To understand and have skills to maintain business protocol and business etiquette in the field of international economic relations, taking into account the peculiarities of intercultural communication at the professional and social levels in Ukrainian and foreign languages.

PLO22. To apply appropriate methods, rules and principles of functioning of international economic relations for the development of Ukraine's foreign economic activity.

PLO23. To recognize the need for lifelong learning in order to maintain high level of professional competence.

PLO24. To substantiate the choice and use information and analytical tools, economic and statistical calculation methods, complex analysis techniques and methods of monitoring the world markets conjuncture.

PLO25. To present the results of the research on the basis of which recommendations and measures for adaptation to changes in the international environment are developed.

PLO 26. Determine the features, degree of influence and consequences of micro-, meso-, macro- and mega-level factors on the activity of an enterprise engaged in foreign economic activity.

PLO 27. To justify the choice of modern methods and tools for managing the activities of an enterprise involved in international economic activity.

PLO 28 To know the basics of preventing corruption, social and academic integrity at the levels necessary for the formation of intolerance to corruption and manifestations of unscrupulous behavior among students and to be able to do them in professional activities.

8-Resource support of program implementation

Personnel support

The composition of the project group of the educational program, the teaching staff involved in the teaching of academic disciplines by specialty meet the Licensing Conditions for conducting educational activities at the first (bachelor's) level of higher education. The teaching involves practitioners with experience in professional activities in the field of international business, investment cooperation, diplomatic service, translation.

The teaching staff is constantly undergoing internships in accordance with the Regulations on advanced training and internships of pedagogical and scientific-pedagogical staff of Uzhhorod National University.

<https://www.uzhnu.edu.ua/uk/infocentre/get/5950>

Material and technical support

The provision of educational facilities, computer workstations, multimedia equipment meets the needs. There is all the necessary social and domestic infrastructure, the number of places in dormitories meets the requirements. For conducting practical and laboratory work, information retrieval and processing of results, there is a specialized computer class of the faculty with the necessary software, specialized classrooms with multimedia equipment.

Information and educational and methodological support	<p>Educational and methodological support includes: curriculum of the specialty, working curricula of the specialty, educational and methodical complexes of disciplines, methodical recommendations for writing and defending term papers, bachelor's thesis, programs of industrial and educational practice, educational materials on disciplines (paper and electronic), materials provided by the scientific library of Uzhhorod National University http://www.lib.uzhnu.edu.ua, as well as educational and methodological developments of teachers of the Department of IER (electronic lectures, electronic textbooks) in free access at the virtual information center of the graduating department. https://www.uzhnu.edu.ua/uk/infocentre/121.</p> <p>E-learning system Moodle https://e-learn.uzhnu.edu.ua/. Electronic repository https://dspace.uzhnu.edu.ua/jspui/. Information about the educational program, class schedules, educational, scientific work, etc. in Uzhhorod National University is available at the link https://www.uzhnu.edu.ua/uk/.</p>
Academic mobility	
National credit mobility	<p>Academic mobility of students is carried out on the basis of bilateral agreements concluded between Uzhhorod National University and higher education institutions of Ukraine.</p>
International credit mobility	<p>According to the Regulations on academic mobility of students at Uzhhorod National University, the general procedure of organizing academic mobility of students has been established. It is implemented under the International Academic Mobility Program – Erasmus +.</p>
Teaching foreign applicants for higher education	<p>Foreign citizens, as well as stateless persons residing in Ukraine on legal grounds, are admitted to Uzhhorod National University. Peculiarities of admission and study are determined by the Regulations on education of foreign citizens in Uzhhorod National University.</p> <p>https://www.uzhnu.edu.ua/uk/infocentre/get/9378</p>

2. List of components of the educational and professional program and their logical consistency

2.1 List of components of the educational and professional program

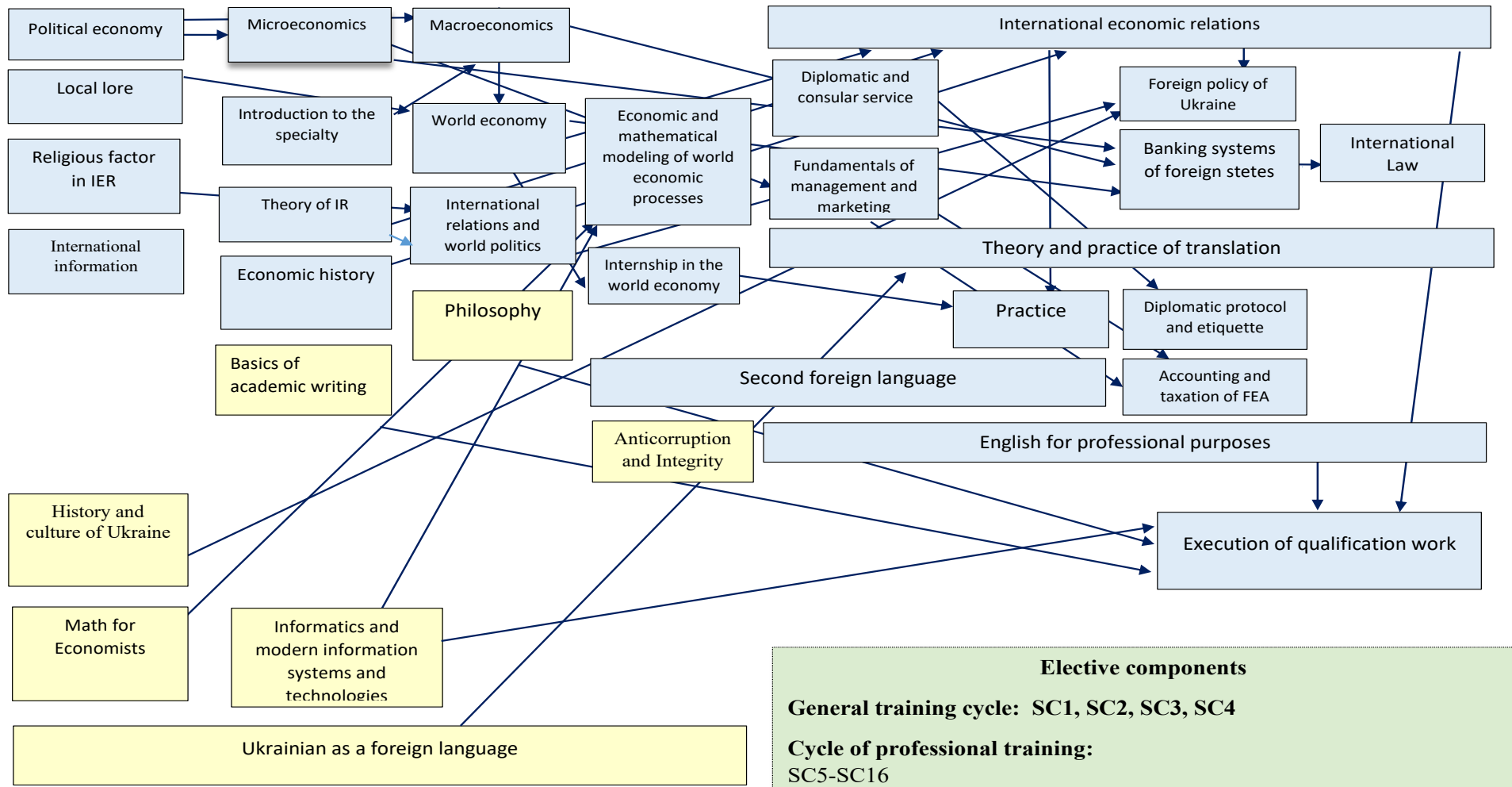
Code N/A	Components of the educational program (EP) (academic disciplines, term papers, practices, qualification work)	Number of credits	Form of final control
1	2	3	4
1.Obligatory components of EP			
1.1 General training cycle			
OC1	History and culture of Ukraine	3	credit
OC2	Math for economists	5	exam
OC3	Philosophy	3	credit
OC4	Ukrainian as a foreign language	33	4 exams
OC5	Basics of academic writing	3	exam
OC6	Informatics and modern information systems and technologies	3	credit
OC7	Anticorruption and integrity	3	credit
1.2 Cycle of professional training			
OC8	Local lore	4	exam
OC9	Political economy	4	exam
OC10	Economic history	3	credit
OC11	Religious factor in international economic relations	3	credit
OC12	Introduction to the specialty	3	credit
OC13	International information	3	exam
OC14	Microeconomics	3	exam
OC15	Macroeconomics	3	exam
OC16	International relations and world politics	3	exam
OC17	World economy	4	exam, term paper
OC18	Theory of international relations	3	credit
OC19	Economic and mathematical modeling of world economic processes	3	credit
OC20	Diplomatic and consular service	3	exam
OC21	Second foreign language	9	2 exams
OC22	English for professional purposes	12	4 exams
OC23	Theory and practice of translation	14	2 exams
OC24	International economic relations	16	3 exams, credit, term paper
OC25	Fundamentals of management and marketing	3	Exam
OC26	Banking systems of foreign states	3	Exam
OC27	Foreign policy of Ukraine	3	Exam
OC28	Accounting and taxation of foreign economic activity	3	Exam
OC29	Diplomatic protocol and etiquette	3	credit
OC30	International law	4	credit

OC31	Internship in the world economy (2 weeks)	3	differential credit
OC32	Practice (3 weeks)	4,5	differential credit
OC33	Execution of qualification work, certification	7,5	Theses
	<i>The total amount of obligatory components</i>		<i>180</i>
2. Selective components of EP			
2.1 General training cycle			
SC1	Selective discipline from the university catalog	3	Credit
SC2	Selective discipline from the university catalog	3	Credit
SC3	Selective discipline from the university catalog	3	Credit
SC4	Selective discipline from the university catalog	3	Credit
2.2. Cycle of professional training			
SC5	Selective discipline from the catalog of the department	4	Credit
SC6	Selective discipline from the catalog of the department	4	Credit
SC7	Selective discipline from the catalog of the department	4	Credit
SC8	Selective discipline from the catalog of the department	4	Credit
SC9	Selective discipline from the catalog of the department	4	Credit
SC10	Selective discipline from the catalog of the department	4	Credit
SC11	Selective discipline from the catalog of the department	4	Credit
SC12	Selective discipline from the catalog of the department	4	Credit
Block of disciplines of free choice 1 (course “Economic diplomacy”)*			
SC13	Selective discipline from the catalog of the department	4	Credit
SC14	Selective discipline from the catalog of the department	4	Credit
SC15	Selective discipline from the catalog of the department	4	Credit
SC16	Selective discipline from the catalog of the department	4	Credit
Block of disciplines of free choice 2 (course “Investment Policy”)*			
SC13	Selective discipline from the catalog of the department	4	Credit
SC14	Selective discipline from the catalog of the department	4	Credit

SC15	Selective discipline from the catalog of the department	4	Credit
SC16	Selective discipline from the catalog of the department	4	Credit
Block of disciplines of free choice 3 (course “International Business”)*			
SC13	Selective discipline from the catalog of the department	4	Credit
SC14	Selective discipline from the catalog of the department	4	Credit
SC15	Selective discipline from the catalog of the department	4	Credit
SC16	Selective discipline from the catalog of the department	4	Credit
Block of disciplines of free choice 4 (course “International Economics”)*			
SC13	Selective discipline from the catalog of the department	4	Credit
SC14	Selective discipline from the catalog of the department	4	Credit
SC15	Selective discipline from the catalog of the department	4	Credit
SC16	Selective discipline from the catalog of the department	4	Credit
<i>The total amount of sample components</i>			<i>60,0</i>
<i>The total amount of educational components</i>			<i>240</i>

*Students choose one of four blocks

2.2. Structural and logical scheme of the educational program



3. Form of certification of applicants for higher education

Form of certification of applicants for higher education	Certification of bachelor's degree candidates in international economic relations is carried out in the form of public defense (demonstration) of qualification work.
Requirements for qualification work	<p>Qualification work involves the independent solution of a complex task or complex problem in the field of international economic relations, accompanied by conducting research and / or the application of innovative approaches and characterized by uncertainty of conditions and requirements.</p> <p>There should be no academic plagiarism, falsification, fabrication or writing off in the qualification work.</p> <p>Qualification work should be posted on the website of the higher education institution or its structural unit, or in the repository of the higher education institution.</p> <p>Successful certification ends with the issuance of a document in the prescribed manner for the award of a bachelor's degree with the qualification: Bachelor in economy and international economic relations, specialization International economic relations</p>

4. Matrix of correspondence of program competencies to the components of the educational program

	IC	GC1	GC2	GC3	GC4	GC5	GC6	GC7	GC8	GC9	GC10	GC11	GC12	GC13	SC1	SC2	SC3	SC4	SC5	SC6	SC7	SC8	SC9	SC10	SC11	SC12	SC13	SC14	SC15	SC16	SC17	SC18		
OC1	+		+							+	+																							
OC2	+			+	+				+																+									
OC3	+		+	+					+	+															+						+			
OC4				+		+		+	+		+																+							
OC5	+		+	+	+	+				+				+										+		+								
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OC10	+	+	+						+				+		+	+									+									
OC11		+	+								+		+											+	+			+						
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OC33	+			+	+	+	+	+	+	+			+	+	+	+	+	+					+	+		+	+		+	+	+		+	

5. Matrix for providing program learning outcomes (PLO) with the relevant components of the educational program

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12	PLO13	PLO14	PLO15	PLO16	PLO17	PLO18	PLO19	PLO20	PLO21	PLO22	PLO23	PLO24	PLO25	PLO26	PLO27	PLO28
OC1	+			+	+																							
OC2			+				+											+						+				
OC3	+			+	+		+											+					+					
OC4	+	+																			+				+			
OC5		+	+	+		+						+				+						+				+		+
OC6	+		+				+																	+	+	+		+
OC7																												+
OC8				+	+					+		+			+											+		
OC9								+		+	+	+						+				+						
OC10				+				+		+	+	+						+										
OC11				+	+											+	+				+							
OC12			+	+			+	+		+								+				+				+		
OC13	+		+	+											+				+	+								
OC14								+		+			+								+						+	
OC15				+				+	+	+	+		+	+								+					+	
OC16				+				+	+	+					+		+				+							
OC17	+	+		+				+		+				+	+	+		+				+						
OC18					+					+						+	+				+							
OC19			+				+					+	+					+	+					+				
OC20					+										+		+				+	+						
OC21	+	+	+												+							+		+				
OC22	+	+	+												+							+		+				
OC23	+	+	+												+							+		+				
OC24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+
OC25			+		+	+	+						+														+	+
OC26				+												+	+			+								
OC27				+													+				+		+					
OC28						+	+						+							+			+				+	+
OC29		+			+												+				+			+				
OC30				+						+						+	+			+	+							
OC31	+		+			+	+		+		+	+	+		+					+							+	
OC32	+		+			+	+		+		+	+	+		+												+	+
OC33		+	+	+	+			+	+	+	+	+			+	+		+	+				+	+	+	+	+	+