

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
V. N. Karazin Kharkiv National University

EDUCATIONAL AND PROFESSIONAL PROGRAM  
«INTERNATIONAL RELATIONS, PUBLIC COMMUNICATIONS AND  
REGIONAL STUDIES»

The second (master's) level of higher education

Field of study: 29 «International relations»

Specialty 291 «International relations, public communications and  
regional studies»

APPROVED

by the Academic Board V. N. Karazin Kharkiv  
National University

«27» may 2024,  
protocol № 10

Came into force on \_\_\_\_\_ 2024

by the order from «29» may 2024 p.  
№ 0114-1/178

Vice-Rector For Research And Teaching

  
Oleksandr HOLOVKO

\_\_\_\_\_ 2024



Kharkiv, 2024

**LETTER OF AGREEMENT**  
**educational and professional program**  
**«International relations, public communications and regional studies»**

The educational program was reviewed and approved by:  
Scientific and methodical council of V. N. Karazin Kharkiv National University  
Protocol № 8 from «21» may 2024

Head of the Scientific and methodical council,  
Vice-Rector for Research and Teaching



Oleksandr HOLOVKO

2. Academic Board of School of International Economic Relations and Travel  
Business

Protocol №14 from «28» March 2024.

Deputy Head of the Academic Board  
of the School



Tetiana MIROSHNYCHENKO

3. Scientific and methodical commission of School of International Economic  
Relations and Travel Business:

Protocol № 11 from «26» March 2024.

Head of the Scientific and  
methodical commission of School



Olena MYKOLENKO

4. Departments of international relations, international information and security:  
Protocol № 14 from «25» March 2024.

Acting Head of the Department



Iryna PERESYPKINA

## PREAMBLE

Developed by the working group:

Name and Family name	Position	Scientific degree, academic title
<b>Head of the working group (Chairman of the educational program)</b>		
<b>Iryna PERESYPKINA</b>	Acting Head of the Department of International Relations, International Information and Security, Associate Professor of the Department of International Relations, International Information and Security, Faculty of International Economic Relations and Tourism Business	PhD of political sciences
<b>Members of the working group</b>		
<b>Dmytro MYKOLENKO</b>	Professor of the Department of International Relations, International Information and Security, Faculty of International Economic Relations and Tourism Business	Doctor of historical sciences, professor of the department of international relations, international information and security
<b>Larysa KHYZHNYAK</b>	Professor of the Department of International Relations, International Information and Security, Faculty of International Economic Relations and Tourism Business	Doctor of Sociological Sciences, Professor of the Department of Applied Sociology
<b>Larysa CHERNYSHOVA</b>	Associate Professor of the Department of International Relations, International Information and Security, Faculty of International Economic Relations and Tourism Business	Phd of economic sciences, Docent of the department of international economics
<b>Ihor KHARCHENKO</b>	Associate Professor of the Department of International Relations, International Information and Security, Faculty of International Economic Relations and Tourism Business	Phd of technical sciences, Docent of the department of international information
<b>Evheniya SOLOVYKH</b>	Associate Professor of the Department of International Relations, International Information and Security, Faculty of International Economic Relations and Tourism Business	Phd of political sciences

The following representatives were engaged in the design process of the educational program:

Representative of higher education graduates: **Maksym IZOTOV**, student of the educational and professional program «International Relations, Public Communications and Regional Studies».

Employer representatives:

**Halyna KUTS**, Doctor of Political Sciences, Professor, Professor of the Department of Political Science, Sociology and Cultural Studies of H.S. Skovoroda Kharkiv National Pedagogical University;

**Mariya ALEKSEEVA**, Chief specialist of the Department for the Development of International Relations and European Integration of the Department of International Cooperation of the Kharkiv City Council.

Higher Educational Standards for specialty 291 «International relations, public communications and regional studies» of the field of knowledge 29 «International relations» for the second (master's) level of higher education are considered in project development, which was approved by the Order of the Ministry of Education and Science of Ukraine dated 04.08.2020, № 1003.

## 1. Profile of the educational program

<b>1 – General information</b>	
<b>Full name of the university and Institute/ Faculty</b>	V. N. Karazin Kharkiv National University Faculty of International Economic Relations and Tourism Business. Department of International Relations, International Information and Security.
<b>The official name of the program</b>	«International relations, public communications and regional studies».
<b>Title of qualification</b>	Master.
<b>Qualification in diploma</b>	Master of International Relations, Public Communications and Regional Studies.
<b>Type of diploma and scope of the educational program</b>	Master's degree, single, 90 ECTS credits, study period 1 year 4 months.
<b>Availability of accreditation</b>	Program accreditation certificate: UD series No. 21007696 (order of the Ministry of Education and Culture of Ukraine dated January 8, 2019 No. 13). The certificate is valid until July 1, 2024.
<b>Background</b>	Possession of a bachelor's degree.
<b>Language (s) of instruction</b>	Ukrainian, English.
<b>Validity of the educational program</b>	2024-2025
<b>Internet address of the permanent placement of the educational program</b>	<a href="https://international-relations-tourism.karazin.ua/en/future-students/Informaciya-dlya-inozemnih-studentiv.html">https://international-relations-tourism.karazin.ua/en/future-students/Informaciya-dlya-inozemnih-studentiv.html</a>
<b>2 - The purpose of the educational program</b>	
<b>The purpose of the educational program</b>	To prepare highly qualified and competitive specialists in the field of international relations, public communications and regional studies, able to solve complex specialized tasks and practical problems of professional activity, to introduce innovations in the field of international, transnational relations, foreign policy, international security, diplomatic work and international communications, to protect national interests of Ukraine, demonstrate leadership qualities, continue professional growth and self-development.

### 3 – Characteristics of the educational program

<p><b>Subject area (field of knowledge, specialty, specialization (if any))</b></p>	<p>29 «International relations». 291 «International relations, public communications and regional studies».</p> <p><b>Subjects of study:</b> international relations, cross-border and transnational relations, foreign policy of states, foreign policy and national interests of Ukraine, international organizations, international communications, states and international regions in interactions at the global, regional and local levels, international security and conflicts, methodologies and methods of international political studies, studies of international communications, regional studies.</p> <p><b>Learning objectives:</b> training of specialists capable of solving complex specialized tasks and practical problems of professional activity in the field of international relations, foreign policy and international communications, characterized by the complexity and uncertainty of conditions, involving research and/or the introduction of innovations.</p> <p><b>Theoretical content of the subject area:</b> theory and practice of international relations, international security, international conflicts, system and sources of the state's foreign policy, regional studies, theory and practice of international public communications, international information space.</p> <p><b>Methods, techniques and technologies:</b> general scientific and special methods and techniques, analysis and synthesis, induction and deduction, methods of evaluation and analysis of processes in international relations, public communications and regional studies, methods and techniques of information search and processing, methods of expert assessment of the effectiveness of foreign policy and international communications.</p>
<p><b>Orientation of the educational program</b></p>	<p>Educational and professional program.</p>

<p><b>The main focus of the educational program and specialization</b></p>	<p>Obtaining a higher education in the field of international relations, specialty 291 «International relations, public communications and regional studies».</p> <p>The educational program emphasizes the problems of international relations and global development, national and regional security, international politics, diplomacy and regional integration.</p> <p>Keywords: international relations, international politics, diplomacy, regional, national security, political communications, regional integration.</p>
<p><b>Features of the program</b></p>	<p>The program provides an opportunity to gain in-depth knowledge and practical skills in the implementation of international relations, public communications and regional interaction by providing multidisciplinary training of specialists on development problems, modeling and forecasting of international politics, international cooperation of states, diplomatic and consular work, regional security and international communications. It is focused on in-depth special training of modern specialists with mandatory study of two foreign languages.</p> <p>Forms specialists with leadership qualities, a new perspective way of thinking, capable not only of applying existing methods of international political studies, studies of international communications, regional studies, but also developing new ones based on modern achievements.</p> <p>Takes into account the unique additional knowledge and skills that masters receive within the framework of the implementation of virtual and real international mobility during education, within the framework of the international grant from the German Academic Exchange Service (DAAD) «Ukraine digital: Ensuring academic success in times of Crisis», which provides opportunity for masters to continue their studies with scholarship support. The international grant program is implemented by the University together with German partners (South Westphalia University of Applied Sciences, Meschede, Meschede).</p>

<b>4 – Graduates' opportunities for employment and further training</b>	
<b>Suitability for employment</b>	Graduates of the educational and professional program can carry out professional activities in the field of foreign policy, international cooperation and international relations, hold primary positions in state authorities and self-government bodies of various levels, in international organizations, in commercial and non-governmental structures.
<b>Further training</b>	Graduates of the educational and professional program can continue their education at the third (educational and scientific) level of higher education to obtain the degree of higher education «Doctor of Philosophy» (PhD), as well as acquire additional knowledge and skills in the adult education system.
<b>5 – Teaching and assessment</b>	
<b>Teaching and learning</b>	Student-centered, problem-oriented learning, proactive self-learning. Problem-based, interactive, self-developing, contextual learning technologies. Educational and methodological support and counseling of independent work is carried out through the university's virtual learning environment.
<b>Assessment</b>	Current assessment, written exams, assessments, defense of practice reports, defense of term papers, defense of a qualifying master's thesis. The evaluation of educational achievements of applicants is carried out according to the «Independent external evaluation scale»: a 100-point (rating) scale, a four-level scale («excellent», «good», «satisfactory», «unsatisfactory»), a two-level scale («passed», «failed»).
<b>6 – Program competencies</b>	
<b>Integral competence (IC)</b>	The ability to solve complex tasks and problems in the field of international relations, public communications and regional studies, which involves conducting research and/or implementing innovations and is characterized by the uncertainty of conditions and requirements.



<p><b>General Competences (GC)</b></p>	<p><b>GC1.</b> Ability to conduct research at an appropriate level.  <b>GC2.</b> Ability to learn and master modern knowledge.  <b>GC3.</b> Ability to identify, pose and solve problems.  <b>GC4.</b> Ability to communicate in a foreign language.  <b>GC5.</b> Ability to generate new ideas (creativity).  <b>GC6.</b> Ability to work in an international context.  <b>GC7.</b> Ability to work in a team.  <b>GC8.</b> Ability to show initiative and entrepreneurship.  <b>GC9.</b> The ability to evaluate and ensure the quality of the work performed.  <b>GC10.</b> Ability to abstract thinking, analysis and synthesis.  <b>GC11.</b> Ability to plan and manage time.  <b>GC12.</b> Ability to search, process and analyze information from various sources.</p>
<p><b>Professional competencies of the specialty (PC)</b></p>	<p><b>PC1.</b> The ability to identify and analyze the nature, dynamics, principles of organization of international relations, types and types of international actors, modern trends in the development of world politics.  <b>PC2.</b> The ability to make informed decisions regarding the implementation of international and foreign policy activities.  <b>PC3.</b> The ability to argue the choice of ways to solve problems of a professional nature in the field of international relations, public communications and regional studies, critically evaluate the obtained results and justify the decisions made.  <b>PC4.</b> Ability to analyze global processes and their impact on international and social relations, political and social systems.  <b>PC5.</b> Ability to analyze and forecast international relations in various contexts, including political, security, legal, economic, social, cultural and informational.  <b>PC6.</b> The ability to use theoretical and methodological approaches of political science, economic and legal science, and interdisciplinary studies for the study of international relations, public communications, and regional studies.</p>

	<p><b>PC7.</b> The ability to carry out applied analytical research on the problems of international relations and world politics, public communications, regional studies, professionally prepare analytical materials and references.</p> <p><b>PC8.</b> Ability to organize and conduct international meetings and negotiations, develop, analyze and evaluate diplomatic and international documents.</p> <p><b>PC9.</b> The ability to identify and analyze the peculiarities of the development of countries and regions, modern global, regional and local processes, and Ukraine's place in them.</p> <p><b>PC10.</b> Ability to self-study, maintain an appropriate level of knowledge, readiness to acquire new level of knowledge, increase one's expertise and level of qualification.</p> <p><b>PC11.</b> The ability to analyze the nature of foreign policy and international relations, the evolution of approaches to their formation and implementation, principles of organization and functioning of foreign policy institutes, to forecast the system of international relations.</p> <p><b>PC12.</b> Ability to analyze the nature, dynamics, principles of regional integration processes.</p> <p><b>PC13.</b> The ability to communicate in a foreign language at a professional level, perform oral and written translation on professional topics.</p> <p><b>PC14.</b> The ability to evaluate the content and main activities of international organizations in the field of security and modern strategies for ensuring national and regional security.</p> <p><b>PC15.</b> The ability to analyze the main areas of activity of the diplomatic service in the foreign policy of countries in modern conditions.</p> <p><b>PC16.</b> The ability to determine the features, nature and degree of relationships between subjects of international relations at different levels and establish communications between them.</p>
<b>7 – Program learning outcomes</b>	
<p><b>Learning outcomes (LO)</b></p>	<p style="text-align: center;"><b>Knowledge</b></p> <p><b>LO1.</b> To know and understand the nature, sources and directions of the evolution of international relations, international politics, foreign policy of states, the state of theoretical studies of international relations and world</p>

politics.

**LO2.** Demonstrate knowledge of the basic principles of diplomatic and consular service, specifics and features of diplomatic protocol and etiquette.

**LO3.** Demonstrate knowledge in the field of strategy and tactics of conducting diplomatic negotiations.

**LO4.** Demonstrate knowledge of the features, nature and degree of relationships between subjects of international relations at different levels.

### **Skills**

**LO5.** Critically understand and analyze global processes and their impact on international relations.

**LO6.** Apply modern scientific approaches, methodologies and methods for researching problems of international relations and foreign policy.

**LO7.** Analyze and evaluate the problems of international and national security, international and internationalized conflicts, approaches, methods and mechanisms of ensuring security in the international space and in the foreign policy of states.

**LO8.** Collect, process and analyze information about the state of international relations, world politics and foreign policy of states.

**LO9.** Identify, assess and forecast political, diplomatic, security, social and other risks in the field of international relations and global development.

**LO10.** Assess and analyze international and foreign policy problems and situations, propose approaches to solving such problems.

**LO11.** Communicate freely in national and foreign languages orally and in writing, on professional and scientific issues.

**LO12.** Prepare analytical reports, reports and other documents on the state of international relations, foreign policy, public communications and regional studies.

**LO13.** Develop and implement applied research projects of international relations, foreign and world politics.

**LO14.** To carry out professional oral and written translation from/to a foreign language, in particular, on the

	<p>professional subject of international cooperation, foreign and world politics.</p> <p><b>LO15.</b> Formulate modeling tasks, create and research models of objects and processes of international relations, foreign policy, public communications and regional studies.</p> <p><b>LO16.</b> Analyze and evaluate modern strategies for ensuring national and regional security.</p> <p><b>LO17.</b> Conduct diplomatic and business correspondence in Ukrainian and foreign languages, work with diplomatic and international documents.</p> <p><b>LO18.</b> Carry out activities in diplomatic and other related spheres of international cooperation.</p> <p style="text-align: center;"><b>Communication</b></p> <p><b>LO19.</b> To participate in professional discussions in the field of international relations, foreign policy, public communications and regional studies, to respect opponents and their point of view, to convey information, ideas, problems, solutions and own experience on professional problems to specialists and the general public.</p> <p><b>LO20.</b> Organize and conduct professional discussions in the field of international relations, foreign policy, public communications and regional studies.</p> <p style="text-align: center;"><b>Responsibility and autonomy</b></p> <p><b>LO21.</b> Evaluate the results of one's own work and be responsible for personal professional development.</p> <p><b>LO22.</b> Demonstrate the ability to further study with a high level of autonomy.</p> <p><b>LO23.</b> Make decisions independently, be responsible for teamwork.</p>
<b>8 – Resource opportunities for program implementation</b>	
<b>Specific characteristics of staffing</b>	<ol style="list-style-type: none"> <li>1. The presence of a department responsible for training students of higher education in specialty 291 «International relations, public communications and regional studies».</li> <li>2. The presence in the department responsible for the training of higher education seekers in the specialty 291 «International relations, public communications and regional studies» of scientific and pedagogical workers</li> </ol>

	<p>who are responsible for the training of higher education seekers - 21 persons who have a scientific degree and /or academic title. For every ten students of higher education, there is one teacher who is qualified according to the specialty, a scientific degree or an academic title.</p> <p>3. The guarantor has an educational and professional program with a candidate of political science degree and 14 years of scientific and pedagogical work experience.</p> <p>4. Conducting lectures, practical, seminar classes, carrying out scientific supervision of practices, coursework, qualification works by scientific and teaching workers who have an appropriate level of scientific and professional activity.</p>
<p><b>Specific characteristics of material and technical support</b></p>	<p>Availability of material and technical support:</p> <ol style="list-style-type: none"> <li>1. Premises for training classes and control events - 2.4 square meters. meters per person.</li> <li>2. Multimedia equipment for simultaneous use in classrooms - not less than 30% of the need.</li> <li>3. Library, including a reading room.</li> <li>4. Dining room, assembly hall, sports hall.</li> <li>5. Hostel - 100% of the minimum requirement.</li> <li>6. Computer workplaces, equipment necessary for the implementation of the educational and professional program.</li> </ol>
<p><b>Specific characteristics of information and educational and methodological support</b></p>	<p>Availability of information support:</p> <ol style="list-style-type: none"> <li>1. Modern universal and specialized information systems and specialized software used in the activities of subjects of international relations, international public communications and in regional studios.</li> <li>2. The provision of the library with domestic and foreign professional periodicals of a corresponding or related profile, including in electronic form - at least four titles.</li> <li>3. Availability of access to databases of periodical scientific publications in English of the relevant or related profile.</li> <li>4. The official website of the university, which contains basic information about its activities (structure, licenses and accreditation certificates, educational/ educational-scientific/ publishing/ attestation (scientific staff) activities, educational and scientific structural divisions and their composition, educational - professional programs,</li> </ol>

	<p>admission rules, contact information).</p> <p>5. The electronic resource of the university, which contains educational and methodological materials from the educational disciplines of the curriculum.</p> <p>Availability of educational and methodological support:</p> <ol style="list-style-type: none"> <li>1. Curriculum.</li> <li>2. The work program for each academic discipline of the curriculum, including the abstract of the academic discipline, the thematic plan of the academic discipline, topics of seminar (practical) classes, tasks for independent work, individual tasks, control methods, scoring scheme, recommended literature (main, auxiliary), information resources.</li> <li>3. Educational and methodological support for each educational discipline of the curriculum, including educational content (synopsis, extended plan of lectures or lecture presentations), plans for practical (seminar) classes, tasks for independent work, questions, tasks or cases for the current and final control of knowledge and skills of students of higher education.</li> <li>4. Working programs of practitioners.</li> <li>5. Educational materials from each academic discipline of the curriculum, including textbooks, study guides, lecture notes according to the list of recommended literature at the rate of one copy per five people of the actual contingent of higher education applicants or their availability in electronic form for an unlimited number of users .</li> <li>6. Methodical materials for certification of higher education applicants.</li> </ol>
<p><b>9 – Academic mobility</b></p>	
<p><b>National credit mobility</b></p>	<p>National credit mobility is implemented within the framework of agreements between V. N. Karazin Kharkiv National University and other universities of Ukraine on the establishment of scientific and educational relations. Re-enrollment of credits received at other universities of Ukraine is allowed, provided that the acquired competences match.</p>

<p><b>International credit mobility</b></p>	<p>International mobility is implemented within the framework of contracts of V. N. Karazin Kharkiv National University with foreign universities. Re-enrollment of credits received at foreign universities is allowed, provided that the acquired competencies match.</p> <p>Online training is carried out within the framework of the international grant from the German Academic Exchange Service (DAAD) «Ukraine digital: Ensuring academic success in times of crisis», which enables masters to continue their studies with scholarship support. The international grant program is implemented by the University together with German partners (South Westphalia University of Applied Sciences, Meschede). (<a href="https://international-relations-tourism.karazin.ua/cooperation/JOUKRAINE.html">https://international-relations-tourism.karazin.ua/cooperation/JOUKRAINE.html</a>)</p>
<p><b>Training of foreign applicants</b></p>	<p>-</p>

## 2. COMPONENTS LIST OF THE EDUCATIONAL AND RESEARCH PROGRAM AND THEIR LOGICAL CONSISTENCY

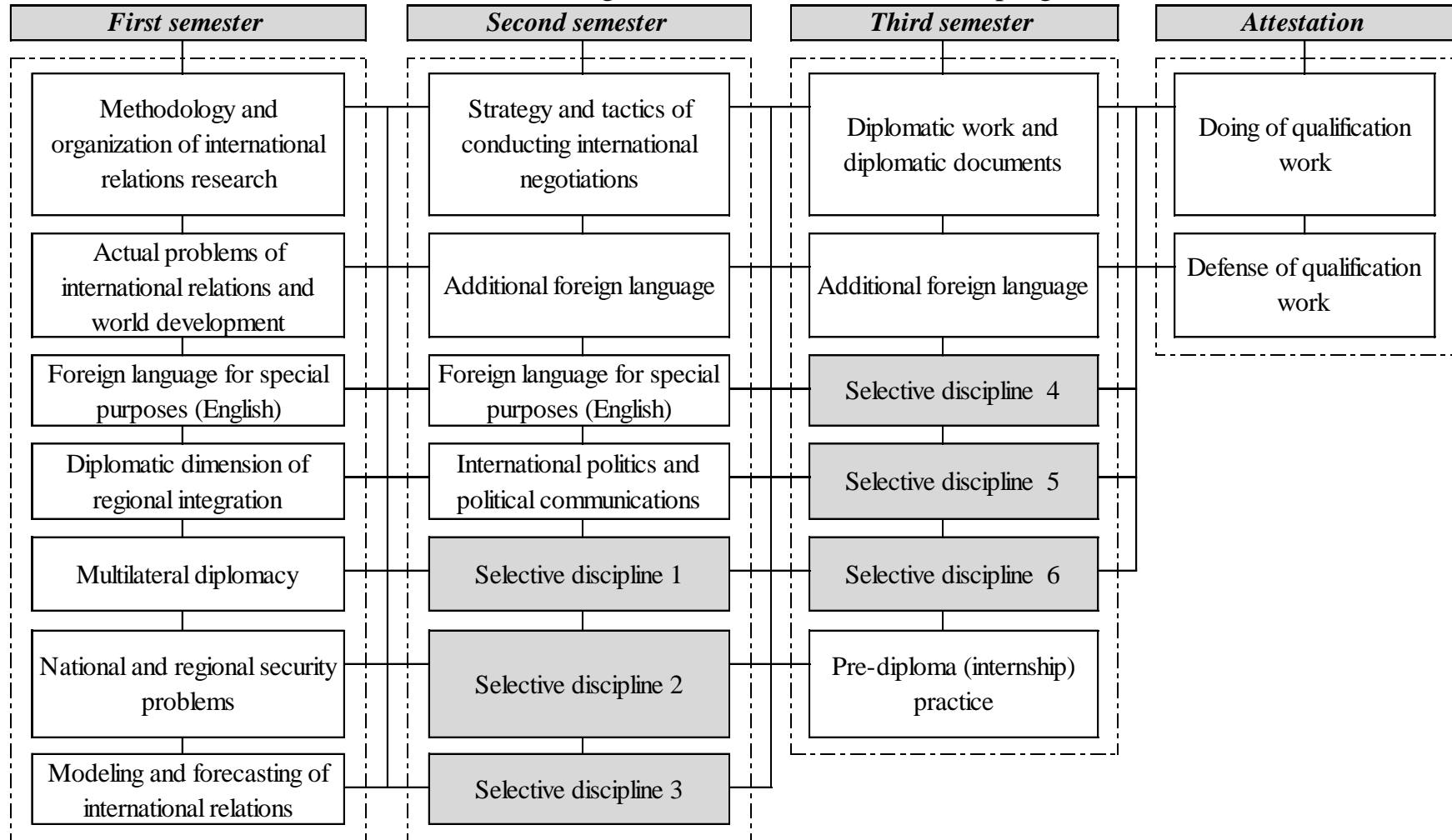
### 2.1. Educational component of the ERP

*The following abbreviations are used for the names of the training cycles, which include the blocks of the content modules of the educational disciplines: CC – compulsory components; SC – selective components.*

Code	Educational components (academic disciplines, course projects/works, practices)	ECTS Credits	Credit/ exam
<b>1. Compulsory components (CC)</b>			
<b>CC1</b>	Methodology and organization of international relations research	4	Credit
<b>CC2</b>	Actual problems of international relations and world development	4	Credit
<b>CC3</b>	Diplomatic dimension of regional integration	4	Credit
<b>CC4</b>	Multilateral diplomacy	4	Exam
<b>CC5</b>	National and regional security problems	4	Exam
<b>CC6</b>	Modeling and forecasting of international relations	4	Exam
<b>CC7</b>	Foreign language for special purposes (English)	9	Credit, Exam
<b>CC8</b>	Additional foreign language	6	Credit, Exam
<b>CC9</b>	Strategy and tactics of conducting international negotiations	6	Exam
<b>CC10</b>	International politics and political communications	6	Exam
<b>CC11</b>	Diplomatic work and diplomatic documents	3	Exam
<b>CC12</b>	Pre-diploma (internship) practice	5	Credit
<b>CC13</b>	Doing of qualification work	7	Master's work defense
<b>The total volume of compulsory components EP</b>		66	
<b>2. Selective components EP (SC)</b>			
<b>SC1</b>	Selective discipline 1	4	Credit
<b>SC2</b>	Selective discipline 2	4	Credit
<b>SC3</b>	Selective discipline 3	4	Credit
<b>SC4</b>	Selective discipline 4	4	Credit
<b>SC5</b>	Selective discipline 5	4	Credit
<b>SC6</b>	Selective discipline 6	4	Credit
<b>The total volume of selective components EP</b>		24	
<b>TOTAL VOLUME OF THE EDUCATIONAL COMPONENT OF THE PROGRAM</b>		90	



### 3. Structural and logical scheme of the educational program



#### 4. Form of attestation of applicants of higher education

The purpose of the attestation is to establish the compliance of the level and volume of knowledge, abilities, skills and other competencies acquired by higher education students with the requirements of the Standard of Higher Education in specialty 291 «International Relations, Public Communications and Regional Studies» at the second (master's) level of higher education and educational and professional program.

Attestation is carried out by the Examination Commission after full completion of the curriculum for specialty 291 «International Relations, Public Communications and Regional Studies» at the second (master's) level of higher education.

<b>Forms of attestation</b>	Forms of attestation of higher education applicants are: - public defense of a master's degree work.
<b>Requirements for qualifying work</b>	<p>The qualifying master's degree work must solve a complex task or problem in the field of international relations, foreign policy, public communications and regional studies, which involves conducting research and/or implementing innovations and is characterized by uncertainty of conditions and requirements.</p> <p>The qualifying master's degree work must not contain academic plagiarism, fabrication, falsification of results and must be published on the official website of the university or in the university's repository.</p> <p>Qualifying master's degree work must be checked for the absence of academic plagiarism (in accordance with the «Regulations on the system of prevention and detection of academic plagiarism in scientific and educational works of employees and students of higher education of V.N. Karazin Kharkiv National University» and «Procedure for checking qualification works, scientific papers and educational publications regarding the presence of borrowings from other documents», put into effect by order of the rector of the university).</p>
<b>Requirements for the public defense</b>	The public defense of the master's degree work must be carried out openly and publicly.

V.N. Karazin Kharkiv National University, based on the decision of the Examination Commission, assigns the educational qualification: Master of International Relations, Public Communications and Regional Studies to a higher education applicant who has successfully completed an educational and professional program.

### 5. Matrix of correspondence of program competencies to the components of the educational program

Competences	Compulsory components												
	CC1	CC2	CC3	CC4	CC5	CC6	CC7	CC8	CC9	CC10	CC11	CC12	CC13
<b>General competences</b>													
<b>GC1</b>	x	x			x	x							x
<b>GC2</b>		x										x	x
<b>GC3</b>			x	x	x								x
<b>GC4</b>							x	x					
<b>GC5</b>	x	x				x			x				x
<b>GC6</b>			x	x			x	x		x			
<b>GC7</b>				x					x			x	
<b>GC8</b>									x	x		x	
<b>GC9</b>									x		x	x	x
<b>GC10</b>	x					x							x
<b>GC11</b>									x			x	x
<b>GC12</b>	x				x		x	x			x	x	x
<b>Professional competences</b>													
<b>PC1</b>		x				x				x			x
<b>PC2</b>			x	x									x
<b>PC3</b>		x	x		x	x			x			x	x
<b>PC4</b>	x	x								x			x
<b>PC5</b>	x				x	x							x
<b>PC6</b>	x					x							x
<b>PC7</b>		x				x				x	x	x	x
<b>PC8</b>				x			x	x	x		x		
<b>PC9</b>			x	x	x								x
<b>PC10</b>		x							x			x	x
<b>PC11</b>						x				x			
<b>PC12</b>			x		x								x
<b>PC13</b>							x	x			x		
<b>PC14</b>					x								x
<b>PC15</b>			x	x					x		x		x
<b>PC16</b>				x			x	x	x	x			

## 6. Matrix of conformity of program competencies to the components of the educational program

Learning outcomes (LO)	Compulsory components												
	CC1	CC2	CC3	CC4	CC5	CC6	CC7	CC8	CC9	CC10	CC11	CC12	CC13
<b>Knowledge</b>													
LO1						X				X			
LO2				X					X		X		
LO3				X					X		X		
LO4			X	X						X			
<b>Skills</b>													
LO5		X											X
LO6	X	X			X	X							X
LO7					X								X
LO8	X	X	X							X		X	X
LO9		X	X	X	X								X
LO10		X				X				X			X
LO11							X	X					
LO12											X	X	
LO13	X					X							X
LO14							X	X					
LO15	X					X							X
LO16			X		X								X
LO17							X	X	X		X	X	
LO18			X	X					X		X	X	
<b>Communication</b>													
LO19					X					X			
LO20									X	X			
<b>Autonomy and responsibility</b>													
LO21											X	X	X
LO22							X	X				X	X
LO23									X	X		X	X

