

**1. Profile of educational program in specialty
291 " International Relations, Public Communication and Regional Studies"
(specialization " International Relations and Economic Diplomacy")**

1 – General Information	
Full name of HEI (Higher Educational Institution) and structural unit	Kyiv National University of Trade and Economics; Faculty of International Trade and Law; Department of World Economy
Level of higher education and qualification name in the original language	Bachelor's degree Specialty “International Relations, Public Communication and Regional Studies” Specialization “International Relations and Economic Diplomacy”
Official name of educational program	“International Relations and Economic Diplomacy”
Diploma type and volume of the program	Bachelor’s diploma, a unit, 240 ECTS credits, training period 3 years 10 months
Accreditation	
Cycle / Level	NQF of Ukraine (National Qualifications Framework of Ukraine) – sixth level, FQ-EHEA – first cycle, EQF-LLL– sixth level
Preconditions	Complete secondary education
Languages of instruction	Ukrainian and English
Program validity period	2026
Internet address for permanent placement of the program description	https://knute.edu.ua/
2 – Educational Program Aim	
The purpose of the EP is to create a holistic system that provides: - training of specialists with deep theoretical knowledge in the field of international cross-border, transnational relations and economic diplomacy, as well as,	

- on the basis of acquired theoretical knowledge, formation of applicants' practical professional skills and competencies in the field of global interstate economic relations and public cross-cultural communications.

Program goals:

- Training of specialists able to solve complex specialized tasks and practical problems of professional activity in the field of international relations and interstate economic cooperation.
- Formation of general and professional competencies for communication and information-analytical activities in the field of economic diplomacy (state and foreign languages).
- Training of specialists capable of learning, acquiring new knowledge, skills, both in the professional field and in a field other than professional.
- Training of specialists capable of conducting professional research activities, including problem analysis, setting goals and objectives, choosing a way and methods of solution, as well as assessing its quality.
- Providing applicants with opportunities of personal qualities development of professional activity in a team and in an individual format.
- Training of specialists adapted to modern requirements and trends of the labor market, which is characterized by constant growth of competition, development of international cooperation, active implementation of innovative technologies and development of public communication.
- Formation of a set of general and professional competencies necessary for further professional education, professional development, lifelong professional skills and improving knowledge of a foreign language in the professional field.

3 – Educational Program Characteristics

Subject Area (field of knowledge, speciality, specialization (if available))	Field of knowledge 29 “International Relations” Specialty 291 “International Relations, Public Communication and Regional Studies” Specialization “International Relations and Economic Diplomacy”
Educational program orientation	Educational-professional, applied
Main focus of the educational program and specialization	The educational program focuses on training highly qualified specialists in international relations and economic diplomacy, endowed with a wide range of in-depth academic knowledge and practical skills needed to solve complex specialized tasks in international cross-border, transnational relations and cross-cultural communications which is extremely important in the context of Ukraine's integration into the European and world community. Key words: international relations, interstate relations, social and

	cross-cultural communications, diplomacy, economic diplomacy, international organizations, analytical support.
Features of the program	<p>The program is focused on training specialists in the field of:</p> <ul style="list-style-type: none"> - international relations, forms and methods of their organization, - international cooperation, interaction and competition at the world level, - international regional studies and international cross-cultural communications, - international information space and system of sources of international information. <p>Compulsory:</p> <ol style="list-style-type: none"> 1) The presence in the EP of a wide range of selective professionally-oriented disciplines provides the opportunity for in-depth specialization in various areas of implementation and support of international relations and economic diplomacy. 2) Professionally oriented practical component (practical training of applicants in the format of situational exercises, internships, workshops) provides an opportunity to ensure that applicants gain actual initial experience of inclusion in the implementation of strategies of international relations and economic diplomacy. 3) Two-week practical training during the third year of study and four-week practical training during the last year of study in governmental and non-governmental institutions, missions of international organizations and foundations. 4) Availability of compulsory and elective courses in English language of instruction. 5) Study of a foreign language in a professional field with a minimum of 24 ECTS credits. Study of a foreign language for specific purposes with a minimum of 24 ECTS credits. Learning a second foreign language with 18 ECTS credits.
4 – Graduates’ suitability for employment and further learning	
Suitability for employment	<p>According to the National Classification of Ukraine SC 003: 2010 "Classifier of professions" (SC 003: 2010), as well as taking into account the requirements of the labor market, the types of professional activities of graduates are:</p> <p>general public administration</p> <p>3436.1 Head of Enterprise Assistant (institution, organization)</p> <p>3436.1 Referent</p> <p>3439 Diplomatic Courier</p> <p>3439 Attaché</p> <p>3439 Vice-Consul</p> <p>3439 Secretary of Diplomatic Agency</p> <p>3439 - Diplomatic Agent</p>

	<p>3439 - Diplomatic Courier 3439 - Assistant Expert on Foreign Policy of Countries / Regions; 3439 - Assistant of Political Observer; 3439 - Main Activity Inspector; 3439 - Main Activity Instructor; 3439 - Messenger; 3439 - Assistant Consultant for Foreign Affairs of Countries / Regions; 2310.2 - Public Relations and Press Specialist; 2419.3 - Civil Service Specialist; 2419.3 - Consultant (in the apparatus of public authorities); 2443.2 - international political scientist, consultant on socio-political issues (in parties and other public organizations). Place of employment: embassies, Secretariat of the Verkhovna Rada of Ukraine, ministries and departments of Ukraine, structural subdivisions of state authorities, domestic and foreign firms and their representative offices, commercial structures working in the field of foreign economic activity and international relations, international organizations, public organizations, mass media, industrial enterprises.</p>
Further learning	Opportunity to continue education at the second (master's) level of higher education, improve skills and receive additional education in certified programs and postgraduate programs.
5 – Teaching and Assessment	
Teaching and training	Problem-oriented learning, practice-oriented extracurricular activities, self-study, learning through practical training, use of digital resources and distance platforms. Information support for students' participation in competitions for nominal scholarships, awards, grants (including international). Promoting students' participation in student scientific Olympiads, competitions organized by the relevant Ministry and the Ministry of Education and Science of Ukraine.
Assessment	Current control, exams (written / oral). Evaluation is carried out in accordance with the "Regulations on the organization of the educational process of students", "Regulations on the evaluation of learning outcomes of students and graduate students."
6 – Program competencies	
Integral competence (IC)	Ability to solve complex specialized tasks and practical problems in the field of international relations, public communications and regional studies, foreign policy, international relations between states, international organizations and non-state actors, characterized by complexity and uncertainty and involves theories of social sciences and special scientific methods of studying the problems of international relations.

<p>General competencies (GC)</p>	<p>GC1. Ability to exercise one's rights and responsibilities as a member of society, to realize the values of civil society and the need for its sustainable development, the rule of law, human rights and freedoms and the citizen of 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 and knowledge of nature and society, and in the development of society, technique and technology use various types and forms of physical activity for active recreation and healthy living.</p> <p>GC3. Ability to learn and master modern knowledge.</p> <p>GC4. Knowledge and understanding of the subject area and understanding of professional activity.</p> <p>GC5. Ability to work in an international context.</p> <p>GC6. Ability to generate new ideas (creativity).</p> <p>GC7. Ability to apply knowledge in practical situations.</p> <p>GC8. Ability to abstract thinking, analysis and synthesis.</p> <p>GC9. Ability to use information and communication technologies.</p> <p>GC10. Ability to communicate in the state language both orally and in writing.</p> <p>GC11. Ability to communicate in a foreign language.</p> <p>GC12. Ability to search, process and analyse information from various sources.</p> <p>GC13. Ability to be critical and self-critical.</p>
<p>Professional Competences (PC)</p>	<p>PC1. Ability to identify signs and trends of development, to understand the nature, dynamics, principles of organization of international relations, public communications and / or regional studies.</p> <p>PC2. Ability to analyse international processes in various contexts, including political, security, legal, economic, social, cultural and informational.</p> <p>PC3. Ability to assess the state and directions of research in international relations and world politics in political, economic, legal sciences, in interdisciplinary research.</p>

	<p>PC4. Ability to solve complex specialized tasks and practical problems in the field of international relations, foreign policy, public communications, regional research.</p> <p>PC5. Ability to analyze the impact of the world economy, international law and domestic policy on the structure and dynamics of international relations and foreign policy of states.</p> <p>PC6. Ability to apply the principles of diplomatic and consular service, diplomatic protocol and etiquette, the ability to conduct diplomatic and business correspondence (in Ukrainian and foreign languages).</p> <p>PC7. Ability to analyze international integration processes in the world and on the European continent, and place of Ukraine in them.</p> <p>PC8. Awareness of national interests Ukraine in the international arena.</p> <p>PC9. Ability to apply knowledge on the characteristics of the development of countries and regions, features and patterns of global processes and the place of states in them for solving complex specialized tasks and problems.</p> <p>PC10. Ability to analyse the structure and dynamics of international public communications, to identify their impact on the international system, state and public institutions.</p> <p>PC11. Ability to analyse the nature and evolution of international organizations, their place in the system of international relations, the main forms and prospects of cooperation of Ukraine with them.</p> <p>PC12. Ability to carry out communication and information-analytical activities in the field of international relations (in Ukrainian and foreign languages).</p> <p>PC13. Ability to analyse the activities of international non-state actors and transnational relations.</p> <p><i>PC14. Ability to understand the features of modern European and world economic diplomacy and use in them the influence of cross-cultural elements and elements of negotiations.</i></p> <p><i>PC15. Ability to understand the principles of functioning and place in modern international relations of institutions for international economic cooperation.</i></p> <p><i>PC16. Ability to effectively plan and manage projects of international economic cooperation.</i></p> <p><i>PC17. Know the basics of geopolitics and be able to conduct geopolitical and geoeconomic research.</i></p>
7 – Program Learning Outcomes (PLO)	
	<p>PLO1. Know and understand the nature of international</p>

relations and regional development, evolution, the state of theoretical studies of international relations and world politics, as well as the nature and sources of state policy in the international arena and the activities of other participants in international relations.

PLO2. Know and understand the nature and dynamics of international security, understand the features of its provision at the global, regional and national levels, know the nature and approaches to resolving international and internationalized conflicts.

PLO3. Know the nature of international cooperation, the nature of interaction between international actors, the ratio of state and non-state actors in world politics.

PLO4. Know the principles, mechanisms and processes of foreign policy, interaction between foreign and domestic policy, definition and implementation in the international arena of national interests, the process of formation and implementation of foreign policy decisions.

PLO5. Know the nature and mechanisms of international communications.

PLO6. Know the nature and features of interactions of individual countries and regions at the global, regional and local levels.

PLO7. Carry out a description and analysis of the international situation, collect from various sources the necessary information about international and foreign policy events and processes.

RLO8. Collect, process and analyse large amounts of information on the state of international relations, foreign policy of Ukraine and other states, regional systems, international communications.

PLO9. Investigate the problems of international relations, regional development, foreign policy, international communications, using modern political, economic and legal theories and concepts, scientific methods and interdisciplinary approaches, present research results, provide appropriate recommendations.

PLO10. Communicate fluently in state and foreign languages at the professional level required for professional discussion, preparation of analytical and research documents.

PLO11. Carry out applied analysis of international relations, foreign policy of Ukraine and other states, international processes and the international situation in accordance with the objectives.

	<p>PLO12. Have the skills of professional interpretation and translation from / into foreign languages, in particular, on professional topics of international cooperation, foreign policy, international communications, regional studies, bilateral and multilateral international projects.</p> <p>PLO13. Conduct a professional discussion on issues of international relations, international communications, regional studies, foreign policy, prove one’s position, respect opponents and their views.</p> <p>PLO14. Use modern digital technologies, specialized software, databases and information systems to solve complex specialized problems in the field of international relations, public communications and / or regional studies.</p> <p>PLO15. Understand and apply current legislation, international normative documents and agreements, reference materials, current standards and technical conditions, etc. to solve complex specialized problems of international relations, public communications and regional studies.</p> <p>PLO16. Understand and defend the national interests of Ukraine in international activities.</p> <p>PLO17. Have the skills to independently determine educational goals and training, finding the necessary educational resources to achieve them.</p> <p>PLO18. Carry out activities in the diplomatic and other fields related to international cooperation.</p> <p>PLO19. In team cooperation or independently join project management in the field of international economic cooperation.</p>
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8 –Resource support for program implementation

Staff	<p>The staff of teachers involved in the implementation of the EP meets the requirements for staff in educational activities in higher education, provided by the License conditions for educational activities of educational institutions (Cabinet of Ministers Resolution №1187 of 30.12.2015).</p> <p>Implementation of the EP includes the involvement to theoretical and practical classes: practitioners, experts in international relations and economic diplomacy, representatives of employers, namely organizations working at the interstate level, and are recognized leaders in this field. The best foreign specialists are involved in the implementation of the OPP in teaching the disciplines of the training cycle.</p>
Material and technical support	<p>The basis of logistics are:</p> <ul style="list-style-type: none"> - lecture halls equipped with advanced multimedia equipment; -specialized computer classes with the necessary software - for

	<p>practical work, information retrieval and processing of results, high-speed Internet and access to international library and reference systems;</p> <p>-coworking - for teamwork and development of communication skills;</p> <p>-negotiation hall - for holding model meetings of international organizations.</p> <p>-virtual reality hall for group practical classes equipped with virtual reality tools</p>
Material and technical support	<p>Information and educational and methodological support meets the Licensing Conditions for educational activities, has constantly updated content, is based on modern information and communication technologies and includes:</p> <p>-KNUTE library, which is an information-educational, cultural-educational structural subdivision of the University with universal funds of documents, which promotes the introduction of advanced educational technologies, creating conditions for effective scientific work and organization of the educational process;</p> <p>-corporate environment Office 365;</p> <p>-MODLE distance learning platform.</p>
9 – Academic mobility	
National credit mobility	National credit mobility is carried out in accordance with the concluded agreements on academic mobility.
International credit mobility	International credit mobility is realized through the conclusion of agreements on international academic mobility (Erasmus +), double graduation, long-term international projects involving training of higher education, double degree, etc.
Training of overseas students	Provided

2. List of educational program components and their logical sequence.

2.1. List of EP components

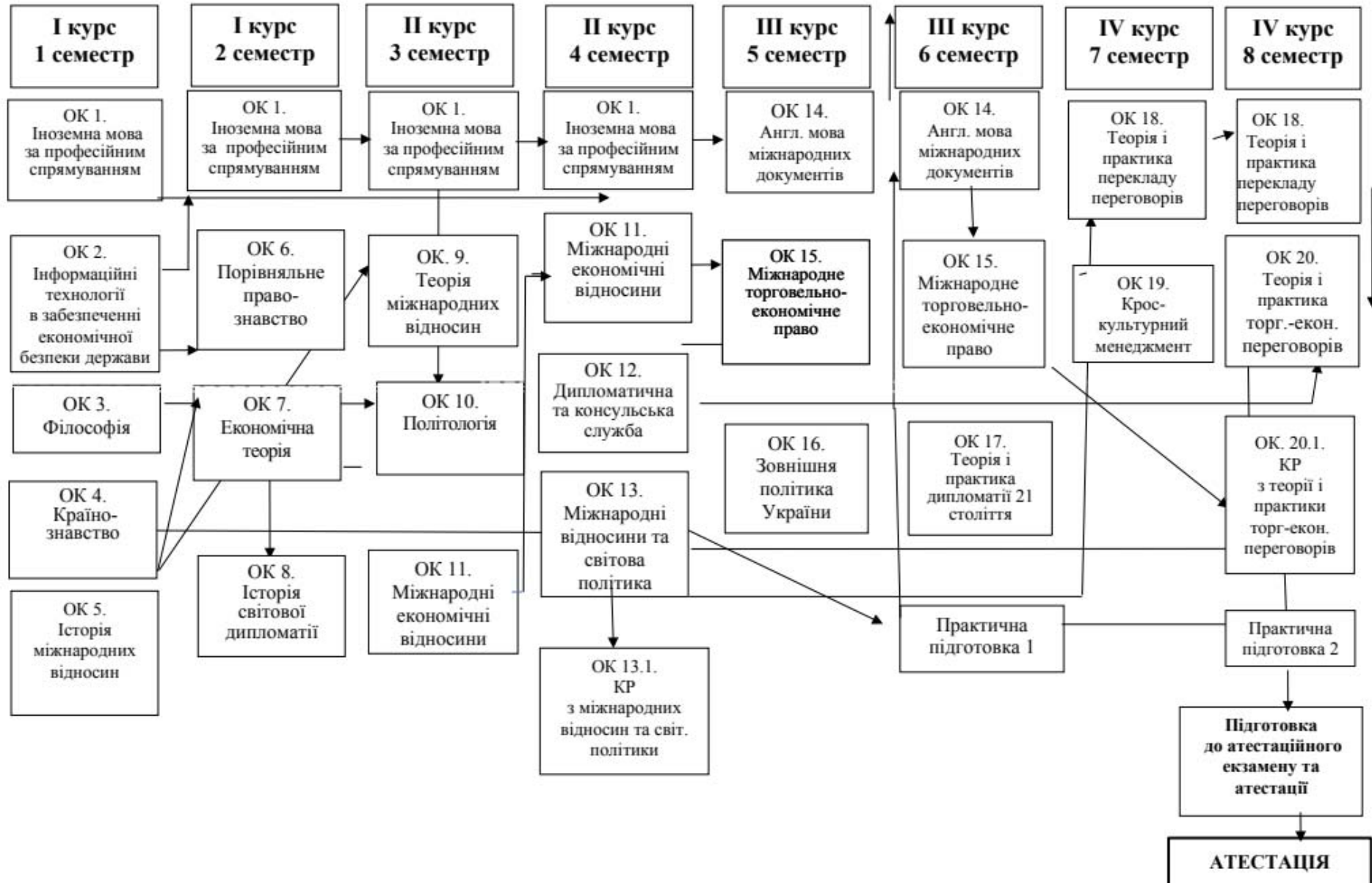
	Components of the educational program (academic disciplines, placement)	Number of credits
Compulsory components of EP (CC)		
CC1.	Foreign Language for Professional Purposes	24
CC2.	Information Technologies in Ensuring Economic Security of the State (Ukrainian / English language)	6
CC3.	Philosophy	6
CC4.	Country Studies	6
CC5.	History of International Relations (Ukrainian / English)	6

CC6.	Comparative Jurisprudence	6
CC7.	Economic Theory	6
CC8.	History of World Diplomacy	6
CC9.	Theory of International Relations (Ukrainian / English)	6
CC10.	Politology	6
CC11.	International Economic Relations	12
CC12.	Diplomatic and Consular Service	6
CC13.	International Relations and World Politics (Ukrainian / English)	6
CC13.1.	TP on international Relations and World Politics	
CC14.	English of International Documents	12
CC15.	International Trade and Economic law	12
CC16.	Foreign Policy of Ukraine (Ukrainian / English)	6
CC17.	Theory and Practice of 21st Century Diplomacy.	9
CC18.	Theory and Practice of Negotiations' Translation	12
CC19.	Cross-cultural Management	6
CC20.	Theory and Practice of Trade and Economic Negotiations	9
CC20.1.	TP on the Theory and Practice of Trade and Economic Negotiations	
Total volume of compulsory components:		168
Optional components of EP (OC)		
OC1.	Business Planning	6
OC2.	Humanitarian Policy of the State	6
OC3.	Diplomatic Relations of Ukraine	6
OC4.	Diplomatic and Consular Law	6
OC5.	Sources of International Trade and Economic Information	6
OC6.	Second Foreign Language	18
OC7.	Business Ethics	6
OC8.	European Integration	6
OC9.	Information Wars	6
OC10.	Competition Policy of the State	6
OC11.	Critical Thinking	6
OC12.	Mass Communications	6
OC13.	International Economics (Ukrainian / English)	6
OC14.	International Humanitarian Law	6
OC15.	International Environmental Management	6
OC16.	International Technology Transfer	6
OC17.	International Trade	6
OC18.	International Business	6

OC19.	International Marketing	6
OC20.	International Protection of Human rights	6
OC21.	International Public and Private law	6
OC22.	National Interests in World Geopolitics and Geoeconomics	6
OC23.	Public Speaking	6
OC24.	Political Lobbying	6
OC25.	Political Systems and Regimes of the World	6
OC26.	Law of International Agreements (Ukrainian / English)	6
OC27.	Legislation on Resolving International Disputes (Ukrainian / English)	6
OC28.	Legal Regulation of Foreign Economic Activity (Ukrainian / English)	6
OC29.	Business Psychology	6
OC30.	Psychology of Business Communication	6
OC31.	World Culture	6
OC32.	World Market of Goods and Services	6
OC33.	Social Leadership	6
OC34.	Theory of Decision Making in International Relations	6
OC35.	Philosophy of Politics	6
Optional discipline of applicant		
OC36.	Based on the provisions of Article 62 of the Law of Ukraine "On Higher Education", applicants may choose disciplines from other educational programs	6
Total volume of optional components:		60
Practical training:		
Industrial placement 1		3
Industrial placement 2		6
Total		9
Attestation		
Preparation for a qualification exam and attestation		3
Total		3
Total EP volume:		240

For all components of the educational program the form of final control is an exam

2.2. Структурно-логічна схема ОП



3. Form of attestation of applicants for higher education

Attestation can be carried out in the form of: attestation exam. The attestation exam in the specialty of international relations, public communications and regional studies should include verification of the achievement of learning outcomes defined by the standard of higher education in the specialty 291 "International Relations, Public Communications and Regional Studies" and the educational program.

4.1. Matrix of correspondence of program competences (GC and OC) to components of the educational program (EP)

Components /Competences	CC1	CC2	CC3	CC4	CC5	CC6	CC7	CC8	CC9	CC10	CC11	CC12	CC13,.	CC14	CC15	CC16	CC17	CC18	CC19	CC20. CC 20.1
GC01				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC02		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC03	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC04	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC05	+	+		+	+	+		+		+	+	+	+	+	+	+	+	+	+	+
GC06		+		+	+	+		+		+	+	+	+		+		+	+	+	+
GC07	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+
GC08			+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+
GC09	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC10				+	+	+	+	+	+	+	+	+	+	+				+	+	+
GC11	+				+	+				+	+	+	+	+	+	+	+			+
GC12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
GC13			+			+		+			+			+				+	+	+
PC01		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
PC02	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+
PC03	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+
PC04	+	+		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+
PC05	+	+		+		+		+		+	+	+	+	+		+	+	+	+	
PC06	+			+		+		+	+	+	+	+	+	+		+	+	+	+	+
PC07	+	+		+		+	+	+	+	+	+	+	+	+	+	+		+	+	+
PC08	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PC09	+		+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+

PC10	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+
PC11		+		+	+	+	+	+		+	+	+	+	+	+	+		+	+	+
PC12	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PC13		+		+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+
PC14		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PC15		+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
PC16		+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
PC17					+	+		+		+					+	+	+			

4.2. Matrix of correspondence of program competences (GC and OC) to optional components of the educational program (EP)

Components / Competences	OK1	OK2	OK3	OK4	OK5	OK6	OK7	OK8	OK9	OK10	OK11	OK12	OK13	OK14	OK15	OK16	OK17	OK18	OK19	OK20	OK21	OK22	OK23	OK24	OK25	OK26	OK27	OK28	OK29	OK30	OK31	OK32	OK33	OK34	OK35	BC36			
GC 01		+	+		+	+	+	+									+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
GC 02	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
GC 03	+	+	+	+	+	+	+			+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
GC 04	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 05		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
GC 06	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+		
GC 07	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 08	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
GC 09	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
GC 10			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
GC 11			+	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 13	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

PLO 14	+	+						+		+	+	+	+	+	+	+	+	+	+
PLO 15	+					+		+		+		+	+	+	+	+	+		+
PLO 16	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+
PLO 17	+	+		+	+	+		+		+	+	+	+	+	+	+	+	+	+
PLO 18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 19	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+

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

Com pone nts/ Prog ram Lear ning Out comes	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	OC34	OC35	OC36	
PLO 01	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
PLO 02	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 03	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 04	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 05	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 06	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 07	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 08	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 09	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 11	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

12																																																						
PLO 13	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
PLO 14	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
PLO 15	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
PLO 16	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
PLO 17	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
PLO 18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
PLO 19	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+