Ministry of Education and Science of Ukraine

V.N. Karazin Kharkiv National University

Educational and professional program
First (bachelor's) level of higher education

INTERNATIONAL LAW

Area of knowledge **D Business, administration and law**

Specialty **D9 International Law**

APPROVED

By the Academic Council
of V.N. Karazin Kharkiv National University
« 25 » 05 2026
protocol No. 9

Entered into force on 2026 - 2027
by order of « 26 » 05 2026
No. 0114-1/236

Vice-Rector for Scientific and Pedagogical Work

Oleksandr HOLOVKO

CHANGES TO THE EDUCATIONAL PROGRAM MADE

By the Academic Council
of V.N. Karazin Kharkiv National University
« 30 » 06 2026
protocol No. 11

Entered into force on 2026 - 2027
by order of « 30 » 06 2026
No. 0114-1/291

Vice-Rector for Scientific and Pedagogical Work

Oleksandr HOLOVKO

Kharkiv 2026

APPROVAL PAGE

educational and professional program «International Law» first (bachelor's) higher education level in the specialty D 9 International Law

The educational program was reviewed and approved by:

1. Scientific and Methodological Council of V.N. Karazin Kharkiv National University
protocol No. 12 dated « 29 » 06 2026

Chairman of the Scientific and Methodological Council,
Vice-Rector for Scientific and Pedagogical Work _____ (Oleksandr HOLOVKO)

2. Academic Council of the Faculty:
protocol No. 18 dated « 29 » 06 2026

Chairman of the Academic Council of the Faculty _____ (Vitalii SEROHIN)

3. Scientific and Methodological Commission of the Faculty:
protocol No. 11 dated « 29 » 06 2026

Head of the Scientific and Methodological
Commission of the Faculty _____ (Hanna ZUBENKO)

4.1. Departments of International and European Law:
protocol No. 14 dated « 25 » 06 2026

Head of the Department,
Doctor of Law, Professor _____ (Tetyana SYROID)

4.2. Departments of State and Legal Disciplines:
protocol No. 15 dated « 29 » 06 2026

Head of the Department,
Candidate of Law, Associate Professor _____ (Nataliia HRYSHYNA)

4.3. Departments of Constitutional and Municipal Law:
protocol No. 11 dated « 25 » 06 2026

Head of the Department,
Candidate of Law, Associate Professor _____ (Hanna ZUBENKO)

4.4. Departments of Criminal Law Disciplines:
protocol No. 15 dated « 26 » 06 2026

Head of the Department,
Doctor of Law, Professor _____ (Oleksander ZHYTNYY)

4.5. Departments of civil law disciplines:
protocol No. 19 dated « 26 » 06 2026

Head of the Department,
Candidate of Law _____ (Olena USTYMENKO)

PREFACE

Developed by a working group consisting of:

Last name, first name, patronymic	Job title (for part-time workers – main place of work, position)	Academic degree, academic title, from which department (specialty) assigned
Working group leader		
Titov Ievgen Borisovich	Associate Professor HEI of the Department of International and European Law	Candidate of Legal Sciences, Associate Professor of the Department of General Law disciplines
Working group members		
Syroyd Tatyana Leonidivna	Head of the Department of International and European Law	Doctor of Legal Sciences, Professor of the Department of State and Law Disciplines
Gavrylenko Oleksandr Anatoliyovych	Professor HEI of the Department of International and European Law	Doctor of Legal Sciences, Professor of the Department of Theory and History of State and Law
Holovko Oleksandr Mykolayovych	Vice-Rector for Scientific and Pedagogical Work of V. N. Karazin Kharkiv National University, Professor HEI of the Department of State and Law Disciplines	Doctor of Legal Sciences, Professor of the Department of Theory and History of State and Law
Perederii Oleksandr Serhiyovych	Associate Professor HEI of the Department of State and Law Disciplines	Candidate of Legal Sciences, Associate Professor of the Department of State and Law Disciplines

Stakeholders involved in the design of the EPP :

- representatives of higher education students: Nikita USHAKOV (3rd year)
- employers: Head of the Representative Office of the German humanitarian organization Diakonie Katastrophenhilfe in Ukraine Andriy Vaskovich .

When developing the draft Program, the following requirements were taken into account:

1) Standard of higher education of the first (bachelor's) level of higher education in the field of knowledge 29 International Relations, specialty 293 International Law, approved by order of the Ministry of Education and Science of Ukraine No. 428 dated 01.04.2024.

2) Law of Ukraine "On Higher Education" dated 01.07.2014 No. 1556-VII with amendments and supplements. URL: https://zakon.rada.gov.ua/laws/show/1556-18#Text.

3) Law of Ukraine "On Education" dated 05.09.2017 No. 2145-VIII with amendments and supplements. URL: http://zakon5.rada.gov.ua/laws/show/2145-19.

4) Resolution of the Cabinet of Ministers of Ukraine dated 23.11.2011 No. 1341 “On Approval of the National Qualifications Framework ” with amendments and supplements. URL: http://zakon4.rada.gov.ua/laws/show/1341-2011-п.

5) Resolution of the Cabinet of Ministers of Ukraine dated 29.04.2015 No. 266 “On approval of the list of branches of knowledge and specialties in which higher education applicants are trained” with amendments and supplements. URL: ttps :// zakon.rada.gov.ua / laws / show /266-2015-п# Text

1. Educational program profile
International law
in specialty D 9 International Law

1 – General information	
Higher education degree and title of qualification	Bachelor Bachelor of International Law
Official name of the program	International law
Type of diploma and scope of educational program	Bachelor's degree, unitary, 240 ECTS credits, 3 years 10 months. Form of obtaining higher education – institutional (full-time, part-time)
Availability of accreditation	Accredited by the National Agency for Quality Assurance in Higher Education (decision adopted at the meeting of June 8, 2021, minutes No. 9 (52). Certificate No. 1653. Certificate validity until July 1, 2026
Cycle/level	FQ-EHEA first cycle, EQF LLL – level 6, NQF of Ukraine – level 6
Prerequisites	To obtain a bachelor's degree in the educational programs of the specialty D 9 International Law, persons who have completed a complete general secondary education, or a junior bachelor's degree in the specialty D 8 Law, or an educational and professional degree of a professional junior bachelor's degree in the specialty D 8 Law may enroll. Admission in compliance with the requirements for the minimum competitive score established by the Procedure for Admission to Higher Education for the relevant year of entry for the specialty D 9 International Law.
Language of instruction	Ukrainian, English
Duration of the educational program	4 years
Internet address of permanent placement of the educational program description	https://law.karazin.ua/resources/2025/proekt_2026_opp_bakalavr-_d_9_miznarodne_pravo.pdf
2 - Purpose of the educational program	
Program goal	The main goal of modern higher legal education is to teach students the basic principles of international law, study the entire system – institutions, branches – of international law, form a professional perception and understanding of international law as a regulator of interstate relations. The program provides for the training of professionals who, at a high professional level, apply the acquired legal and general scientific knowledge in practice, are fluent in key organizational and legal mechanisms and legal institutions of branches of international law.
3 – Characteristics of the educational program	
Subject area (field of knowledge, specialty)	Area of knowledge D Business, administration and law Specialty D 9 International law **Object of study:** foundations of theory, institutional mechanism, practice of applying norms of various branches and institutions of international public law, international private law, Law European Union, Implementation of international legal norms in domestic law, basic concepts of comparative law. **Learning objectives:** acquiring the ability to solve complex specialized tasks in the field of international law, regulation of international relations, interaction of national and international law, analysis, interpretation and application of sources of international and national law. **Theoretical content of the subject area:** notions and concepts of international law as a system of legal principles and norms regulating international relations, European Union law, comparative law. **Methods, techniques and technologies:** general scientific methods of theoretical and empirical research; formal-legal, comparative-legal

	method; modeling techniques, moot court, case study, forecasting, data analysis; information search and processing technologies, modern digital technologies. **Tools and equipment:** modern information-communication equipment, standards, information resources and specialized software used in international legal and national legal activities.
Orientation of the educational program	The bachelor's degree program is built taking into account the needs of the modern labor market to meet the needs of practice in the field of international law as basic elements of the international legal system.
Main focus of the educational program and specialization	Bachelor's training is aimed at developing the ability to solve basic problems within the framework of professional activities in the field of international relations, which involves knowledge of basic legal categories and concepts in the field of international relations and international legal practice. Keywords: international law, state, human rights, European integration, international cooperation.
Program features	The educational components of the program provide training for specialists capable of professional activity and solving specific practical tasks in the relevant areas of public and private legal relations.
4 – Graduate employability and further training	
Employment eligibility	Professional activity in the field of international law in foreign relations bodies, in international organizations, state and local government bodies, arbitrations, at enterprises, in institutions and organizations, scientific expert-analytical and advisory activities in this field. Positions of legal advisors who provide legal work in economic organizations and associations of various forms of ownership. Professional activity in positions in state authorities: assistant to the head of the court, state bailiff, consultant to a notary, inspector of the civil registration department, inspector of the social protection department, inspector of the employment department, inspector of the personnel department, customs inspector, etc. Service in local government bodies, professional activity in public organizations.
Further training	Obtaining education at the second (master's) level of higher education. Obtaining additional qualifications in the adult education system.
5 – Teaching and assessment	
Teaching and learning	Student-centered learning, encouraging a sense of autonomy in the learner, with the provision of appropriate guidance and support from the teacher. Learning using methods of maximum student activation during classes by organizing business games, performing creative tasks, preparing presentations, essays, reports and messages. During training, attention is focused on the basic principles of international law, studying the entire system – institutions, branches – of international law, forming a professional perception and understanding of international law as a regulator of interstate relations. Self-study of students and group tasks are stimulated in order to acquire skills in teamwork and independent search for a solution to the problem.
Evaluation	Current assessment – completion of test tasks, control and coursework, individual educational and research tasks, oral and written survey; final work (written) according to a two-level or four-level assessment system.
6 – Program competencies	
Integral competence	The ability to solve complex specialized tasks and practical problems, to carry out legal analysis of legal issues in the field of international relations and relations with a foreign element or in the process of learning, which involves the application of legal doctrines, principles and legal institutions, relevant mechanisms of international legal regulation and is characterized by the complexity and uncertainty of conditions.
General Competencies (GC)	Competencies are defined by the higher education standard:

	GC 01. Ability for abstract thinking, analysis and synthesis. GC 02. Ability to learn and master modern knowledge. GC 03. Ability to communicate in the state language both orally and in writing. GC 04. Ability to communicate in a foreign language. GC 05. Ability to search, process and analyze information from various sources. GC 06. Knowledge and understanding of the subject area and understanding of professional activity. GC 07. Ability to work in an international context. GC 08. Ability to work in a team. GC 09. Ability to exercise one's rights and obligations as a member of society, to realize the values of a civil (free democratic) society and the need for its sustainable development, the rule of law, and the rights and freedoms of human and citizen in Ukraine. GC 10. Ability to preserve and multiply the 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, technology and engineering, to use various types and forms of physical activity for active recreation and leading a healthy lifestyle. GC 11. Ability to make decisions and act in accordance with the principle of non-acceptance of corruption and any other manifestations of dishonesty. GC 12. Ability for national resistance.
Special (professional) competencies	Competencies are defined by the higher education standard: SC 01. Ability to reflect critically on the theories, principles, methods and concepts of international law, law of the European Union, comparative law, take into account the temporal factor and predict the main directions of development of legal systems. SC 02. Ability to form judgments in the field of international law, law of European Union, national law, comparative law, taking into account social, scientific and ethical aspects. SC 03. Ability to protect the national interests of one's own state and human rights using international legal instruments and mechanisms. SC 04. Ability to interpret and apply European Union law, participate in the adaptation of Ukrainian legislation to EU law, provide legal support for European and Euro-Atlantic integration of Ukraine. SC 05. Ability to analyze the content of national legal norms, institutions and branches of law in a comparative legal context. SC 06. Ability to provide legal support for legal relations with a foreign element, foreign economic activity and international economic cooperation. SC 07. Ability to provide legal opinions and consultations on issues of international public and international private law, law of the European Union, national law of Ukraine and the law of other states; predict and assess the legal risks of foreign policy and foreign economic initiatives and ways of their minimization. SC 08. Ability to conduct discussions and debates on international legal and general legal issues, prepare cases for consideration in Ukrainian, foreign, international courts and arbitrations. SC 09. Ability to conduct diplomatic and business correspondence, analyze the content, character and legal nature of international legal documents. SC 10. Ability to adhere to the basic norms of diplomatic and business etiquette, take into account the fundamental features of the culture, values, and legal traditions of foreign states. SC 11. Ability to continue professional learning with a significant degree

	of autonomy. SC 12. Ability to solve complex specialized tasks and problems in international legal and national legal activities. SC 13. Ability to communicate at professional and social levels using professional language terminology, including oral and written communication in the state and foreign language(s). SC 14. Ability to prepare independently drafts of normative, legal interpretation and law enforcement acts.
7 – Program learning outcomes	
Learning outcomes	The results are defined by the higher education standard: LO 01. Know and understand the foundations of the state's foreign policy, the nature and dynamics of international relations, international cooperation at the universal and regional levels, identify the legal status of subjects of international relations and the nature of interaction between them. LO 02. Understand the historical context of the formation of international legal norms and institutions, the values underlying them, and predict the main directions of development of international and national law. LO 03. Know and understand the regulatory provisions, doctrines and principles of the functioning of international and national legal systems, carry out analysis and qualification of legal phenomena on this basis, apply international legal norms and principles in national legal system. LO 04. Analyze the dynamics of adaptation of Ukrainian legislation to European Union law; take into account the legal aspects of European and Euro-Atlantic integration processes when solving complex professional tasks. LO 05. Implement comparative analysis of legal systems, evaluate and argue their shortcomings and advantages, find and interpret relevant foreign legislation, provide advice on its content and application practice, assess and minimize the risks of legally significant actions, taking into account the plurality of legal systems and jurisdictions. LO 06. Provide legal support for the protection of rights, defending the interests of individuals and legal entities, and the national interests of the state of Ukraine using international and national legal mechanisms in the field of international public and international private relations. LO 07. Use the practice of the European Court of Human Rights, other international judicial and arbitration bodies, international organizations and other treaty bodies, theoretical knowledge of international law and national law to substantiate and defend one's own position, protection of client interests and for other professional purposes. LO 08. Draft an international treaty and related documents (ratification law, explanatory notes, etc.) in Ukrainian and foreign languages, draft procedural documents, texts of draft laws, explanatory notes, comparative tables, and other accompanying documentation for draft laws, conduct diplomatic and business correspondence. LO 09. To foresee the broad social consequences of concluding an international treaty, committing another diplomatic or international legal actions, adoption of domestic regulatory acts, identify relevant risks and prevent threats, in particular, in cooperation with specialists from other industries. LO 10. Communicate freely on professional issues in the state and foreign language(s) orally and in writing, use legal terminology professionally. LO 11. Ensure effective communication in an international environment, know and use the rules of diplomatic protocol and business etiquette, take into account the peculiarities of intercultural communication, show tolerance, respect for diversity, traditions and values of representatives of other countries.

	LO 12. Convey information, ideas, problems, solutions, and personal experience regarding current issues of European and Euro-Atlantic integration, international law, national law, and comparative law to both specialists and non-specialists. LO 13. Make joint decisions, work in a team, demonstrate leadership qualities, determine priority goals in professional and educational contexts, plan individual and group work to achieve them. LO 14. Possess the skills of professional oral and written translation from/to foreign language(s), in particular, on the professional topics of international law. LO 15. Use modern digital technologies, collect from various sources, systematize and analyze information regarding international and national legal processes and phenomena. LO 16. Formulate conclusions, develop recommendations, and justify one's own vision of ways to solve problems in the field of law-making, law-interpretation, and law enforcement activities. LO 17. Apply modern scientific achievements in the field of international law, law of European Union and national law, interpret the results of scientific research and use them in practice professional activity. LO 18. Anticipate the consequences of legally significant actions and decisions for individual individuals, legal entities, and the state. LO 19. Independently determine educational goals and learning trajectories, find the necessary educational resources for this. LO 20. Ability to apply knowledge of life safety, civil defense, first aid, and the basics of national resistance (civil resilience) in professional activities and public life.
8 – Resource provision for program implementation	
Specific characteristics of human resources	Staffing complies with the Licensing Conditions for Educational Activities in the Field of Higher Education. Teaching of legal disciplines of the curriculum is provided by doctors of law, professors and candidates of law, associate professors, doctors of philosophy, senior lecturers, and teachers. Practical specialists, scientists, and employees of other higher education institutions may be involved in teaching of practical disciplines. The most experienced scientific and pedagogical workers are involved in the management of practice.
Specific characteristics of material and technical support	The educational program involves the use of existing multimedia equipment (computer classes, multimedia classrooms) and support for real-time electronic teacher-student communication.
Specific characteristics of information and educational and methodological support	The educational process uses Internet resources and distance learning technologies, all disciplines have detailed methodological complexes, the most informative part of which is published on the faculty website.
9 – Academic mobility	
National credit mobility	Possible (at the student's discretion).
International credit mobility	Erasmus+ Agreement KA171 with Fatih Sultan Mehmet University Vakifa, Istanbul, Turkey from 2022 Agreement with the University of Latvia since 2019.
Education of foreign higher education applicants	In accordance with current legislation.

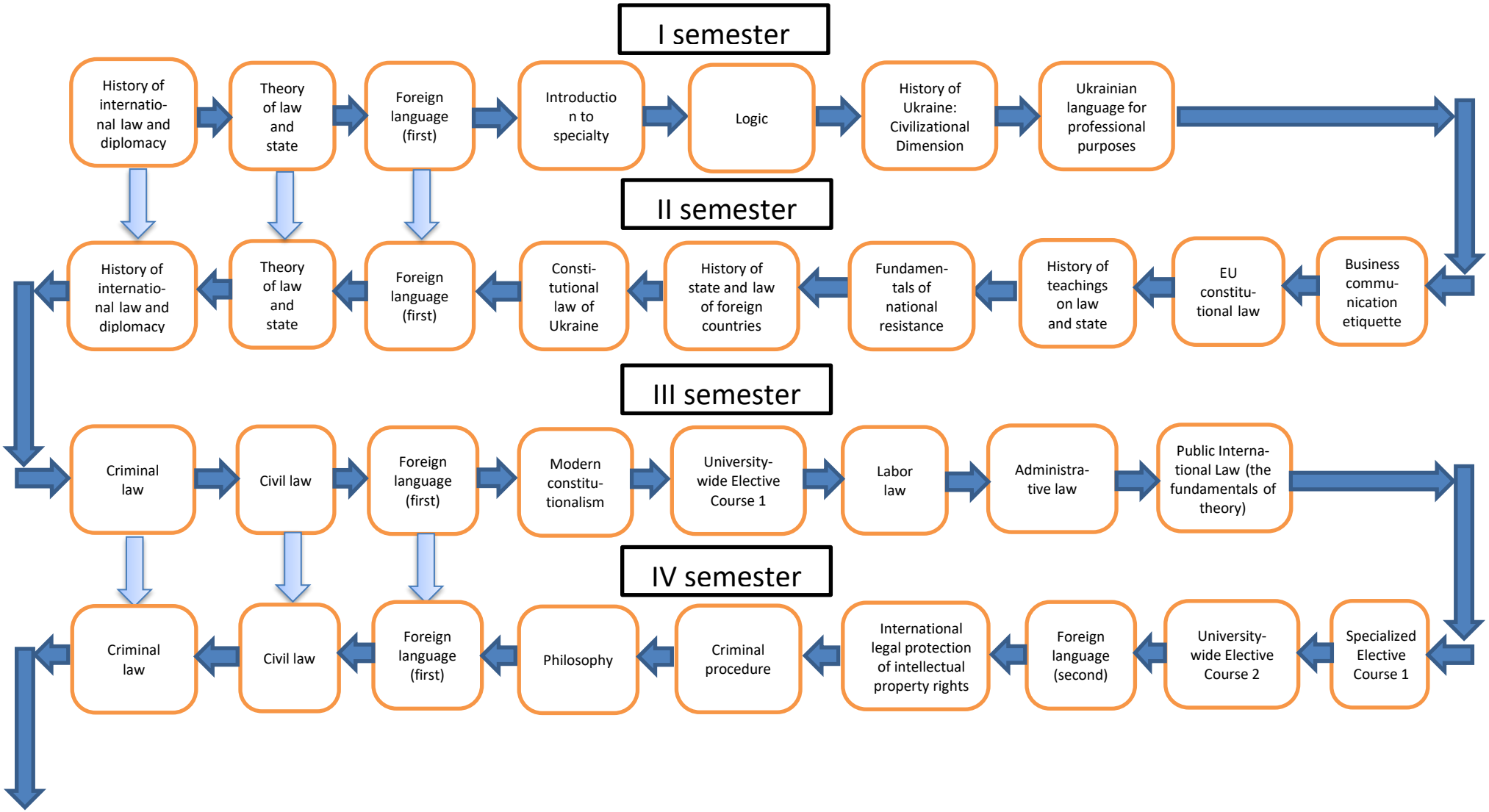
2. List of components of the educational-professional/scientific program and their logical sequence

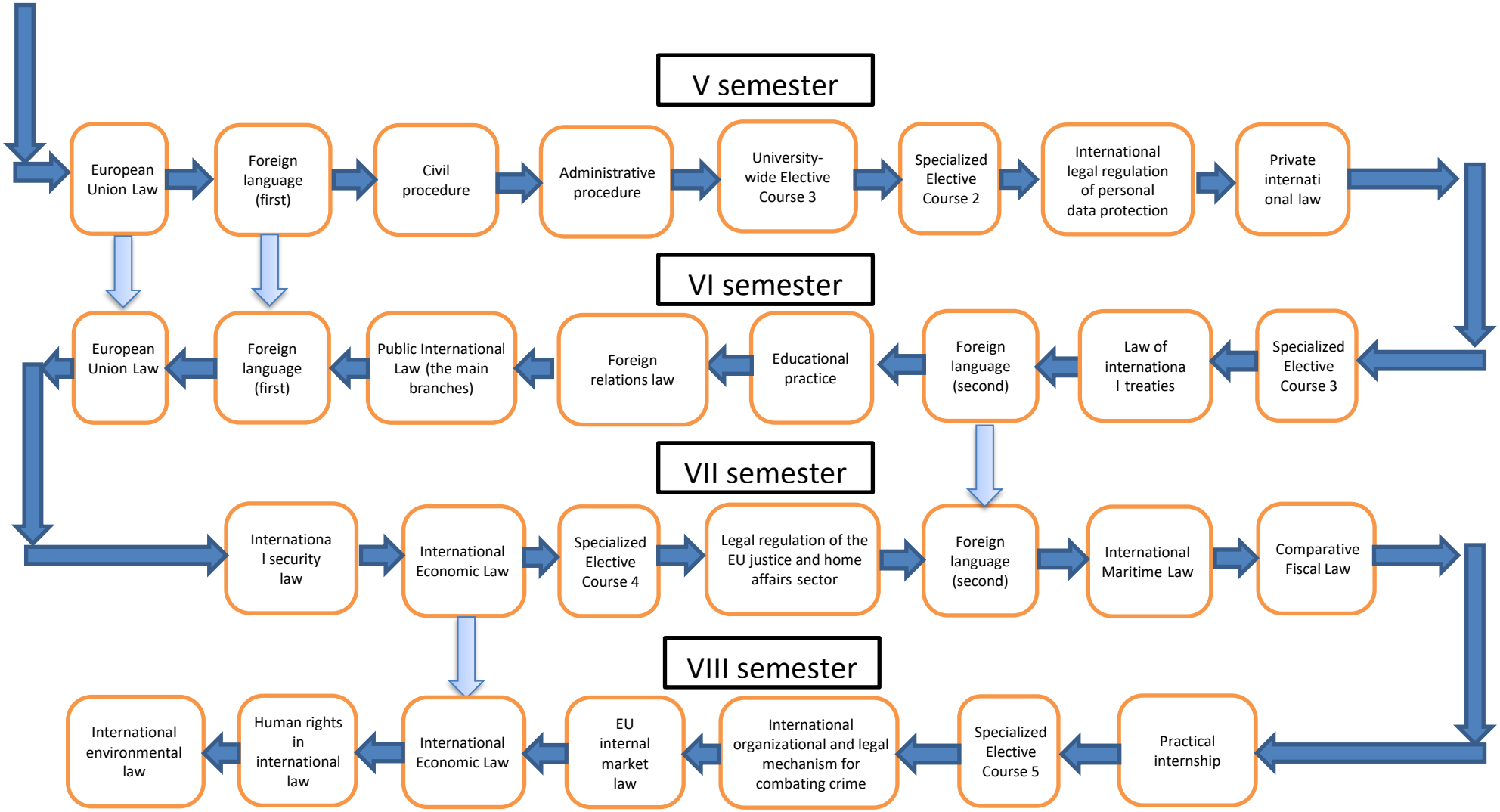
2.1. List of components of the EP

Code n/a	Components of the educational program (courses, course projects (papers), internships, qualification work)	Number of credits	Final control form
1	2	3	4
Mandatory components of the OP			
EC 1	History of Ukraine: Civilizational Dimension	3	exam
EC 2	Logic	4	credit
EC 3	Business communication etiquette	4	credit
EC 4	Foreign language (first)	15	credit, exam
EC 5	Ukrainian language for professional purposes	4	exam
EC 6	Foreign language (second)	12	credit, exam
EC 7	Fundamentals of national resistance	5	differentiated credit
EC 8	Introduction to specialty	4	credit
EC 9	Theory of law and state	8	credit, exam
EC 10	History of international law and diplomacy	8	credit, exam
EC 11	History of state and law of foreign countries	4	exam
EC 12	Constitutional law of Ukraine	4	exam
EC 13	History of teachings on law and state	4	credit
EC 14	EU constitutional law	3	credit
EC 15	Labor law	3	exam
EC 16	Administrative law	3	exam
EC 17	Public international law (the fundamentals of theory)	4	exam
EC 18	Modern constitutionalism	4	credit
EC 19	Philosophy	3	exam
EC 20	Criminal law	9	credit, exam
EC 21	Civil law	9	credit, exam
EC 22	Criminal procedure	3	credit
EC 23	International legal protection of intellectual property rights	3	credit
EC 24	International legal regulation of personal data protection	4	exam
EC 25	Civil procedure	4	credit
EC 26	Private international law	5	exam
EC 27	European Union Law	8	credit, exam
EC 28	Administrative procedure	3	credit
EC 29	Public International Law (the main branches)	5	exam
EC 30	Foreign relations law	4	exam
EC 31	Educational practice	5	credit
EC 32	Law of international treaties	4	credit
EC 33	International security law	4	credit
EC 34	International Maritime Law	5	exam
EC 35	Comparative Fiscal Law	4	exam
EC 36	Legal regulation of the EU justice and home affairs sector	5	exam
EC 37	International Economic Law	8	credit, exam
EC 38	International environmental law	5	exam
EC 39	Human rights in international law	5	exam
EC 40	Practical internship	5	credit
EC 41	International organizational and legal mechanism for combating crime	5	credit

EC 42	EU internal market law	5	credit
Total volume of compulsory subjects		216	
Selective components of the OP *(list of elective subjects on the official website)*			
Total volume of elective subjects		24	
TOTAL SCOPE OF THE EDUCATIONAL PROGRAM		240	

2.2. Structural and logical diagram of the EP




V semester
European Union Law
Foreign language (first)
Civil procedure
Administrative procedure
University-wide Elective Course 3
Specialized Elective Course 2
International legal regulation of personal data protection
Private internati onal law
VI semester
European Union Law
Foreign language (first)
Public International Law (the main branches)
Foreign relations law
Educational practice
Foreign language (second)
Law of internationa l treaties
Specialized Elective Course 3
VII semester
Internationa l security law
International Economic Law
Specialized Elective Course 4
Legal regulation of the EU justice and home affairs sector
Foreign language (second)
International Maritime Law
Comparative Fiscal Law
VIII semester
International environmental law
Human rights in international law
International Economic Law
EU internal market law
International organizational and legal mechanism for combating crime
Specialized Elective Course 5
Practical internship

3. **Form of certification of higher education applicants.**

In order to determine the compliance of the level of knowledge acquired by graduates with the first (bachelor's) level of higher education, a final certification is conducted, which is carried out in the form of exams: 1. Public International Law; 2. Private International Law; 3. Law of the European Union.

Certification exam on specialty should include an assessment of the achievement of learning outcomes specified in the Higher Education Standard and the educational and professional program.

4. Matrix of Program Competencies Matching to Components of the Educational Program

	EC 1	EC 2	EC 3	EC 4	EC 5	EC 6	EC 7	EC 8	EC 9	EC 10	EC 11	EC 12	EC 13	EC 14	EC 15	EC 16	EC 17	EC 18	EC 19	EC 20	EC 21	EC 22	EC 23	EC 24	EC 25	EC 26	EC 27	EC 28	EC 29	EC 30	EC 31	EC 32	EC 33	EC 34	EC 35	EC 36	EC 37	EC 38	EC 39	EC 40	EC 41	EC 42
GC 01	X	X							X	X	X							X	X		X		X		X			X				X		X	X		X				X	
GC 02			X				X	X							X	X				X	X	X	X	X	X	X		X				X	X	X		X	X			X		X
GC 03			X		X																										X						X			X		
GC 04				X		X		X			X						X	X								X			X		X	X					X					
GC 05	X	X					X			X	X			X					X		X	X	X		X					X	X			X	X				X	X	
GC 06			X					X							X	X				X		X		X		X		X		X	X	X	X			X	X			X		X
GC 07				X		X		X		X				X												X	X		X	X				X	X	X	X	X		X		X
GC 08			X				X																X							X	X								X		
GC 09	X								X		X	X						X						X			X		X							X		X		
GC 10	X								X	X	X		X				X	X	X											X		X									
GC 11			X				X					X				X	X			X		X	X	X			X			X	X			X			X	X		X	X	X
GC 12							X																																			
SC 01	X									X	X					X			X								X		X					X							
SC 02		X						X	X	X				X																		X				X		X			X	X
SC 03	X						X					X					X							X			X		X	X			X	X		X		X			
SC 04														X									X	X			X					X				X	X					X
SC 05									X				X	X									X	X								X		X	X		X			X		
SC 06																							X			X	X		X		X	X		X	X		X					X
SC 07									X			X		X	X	X	X			X	X	X	X		X	X	X	X	X	X		X		X		X	X	X				X
SC 08				X	X	X						X			X	X				X	X	X	X		X	X	X	X	X	X				X			X		X	X		X
SC 09			X	X	X	X																								X		X					X					
SC 10			X										X											X					X								X					
SC 11		X																	X												X	X				X			X	X	
SC 12												X			X	X	X			X	X	X	X		X	X	X	X	X	X				X					X	X	X	
SC 13			X	X	X	X		X									X	X							X			X	X		X					X			X		X
SC 14					X																								X			X								X		

5. Matrix of the Learning Outcomes (LO) Relevance to Components of the Educational Program

	EC 1	EC 2	EC 3	EC 4	EC 5	EC 6	EC 7	EC 8	EC 9	EC 10	EC 11	EC 12	EC 13	EC 14	EC 15	EC 16	EC 17	EC 18	EC 19	EC 20	EC 21	EC 22	EC 23	EC 24	EC 25	EC 26	EC 27	EC 28	EC 29	EC 30	EC 31	EC 32	EC 33	EC 34	EC 35	EC 36	EC 37	EC 38	EC 39	EC 40	EC 41	EC 42
LO 01								X		X							X									X			X				X	X			X					
LO 02	X									X	X																X			X				X								
LO 03			X						X			X	X	X	X	X		X					X					X			X			X		X				X	
LO 04		X										X		X				X	X					X			X		X								X				X
LO 05	X	X							X		X	X	X	X				X	X	X	X	X	X		X	X			X								X	X				X
LO 06			X												X	X				X	X	X	X	X	X	X		X				X		X			X			X	X
LO 07															X	X				X	X	X		X	X	X	X	X			X						X	X	X	X		X
LO 08																	X							X							X	X									X
LO 09		X										X					X	X	X									X			X	X									
LO 10	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LO 11			X						X	X			X																X		X	X							X		
LO 12										X				X									X	X		X	X			X								X	X			X		
LO 13	X	X								X	X								X											X	X									X	X
LO 14				X	X	X		X		X							X	X								X			X	X	X	X					X				
LO 15	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LO 16																															X	X	X						X	X	X	
LO 17														X													X				X			X	X							
LO 18							X	X	X	X			X				X						X	X					X	X	X				X			X	X	X	
LO 19	X	X	X	X	X	X		X	X		X	X			X	X		X	X	X	X	X				X	X	X	X	X			X		X			X	X		X	
LO 20							X																																			