

Ministry of education and science of Ukraine

V.N.Karazin Kharkiv National University

Educational and Professional Program
The first (Bachelor's) level of higher education

INTERNATIONAL LAW

Field of knowledge **29 International relations**

Specialty **293 International law**

Approved

By the Academic Board of

V.N.Karazin Kharkiv National University

«27» May 2024

Protocol № 10

Entered into force by order

of «29» May 2024 № 0114-1/78

Vice Rector for Research and Teaching

Oleksandr HOLOVKO



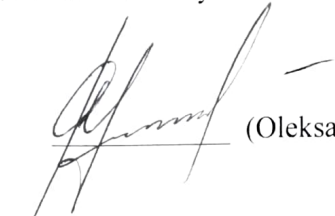
Kharkiv 2024

LETTER OF APPROVAL
Educational and Professional program
"International law" of the first (bachelor's)
level of higher education in specialty 293 International law

The educational program was reviewed and approved:

Scientific and Methodological Council of V.N.Karazin Kharkiv National University
protocol № 8 of « 21 » MAY 2024

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


(Oleksandr Holovko)


Academic council of the faculty
protocol № 13 of « 11 » 04. 2024

Head of the academic council of the faculty


(Vitalii SEROHIN)

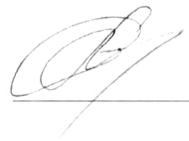
Scientific and methodological commission of the faculty:
protocol № 8 of « 11 » 04. 2024

Head of the scientific and methodical commission of the faculty


(Hanna ZUBENKO)

Department of International and European Law:
protocol № 11 of « 08 » 04. 2024

Head of the department,
Doctor of Law, Professor


(Tetiana SYROID)

Department of State and Legal Disciplines:
protocol № 8 of « 08. » 04. 2024

Head of the department,
Candidate of Juridical Sciences (Ph. D.),
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(Nataliia HRYSHYNA)


Department of Constitutional and Municipal Law:
protocol № 8 of « 08 » 04. 2024

Head of the department,
Candidate of Juridical Sciences (Ph. D.),
Associate Professor


(Mark VORONOV)


Department of Criminal Law Disciplines
protocol № 11 of « 11 » 04. 2024

Acting the head of the department,
Candidate of Juridical Sciences (Ph. D.),
Associate Professor


(Hlib RYBALKO)

Department of Civil Law Disciplines
protocol № 12 of « 10 » 04. 2024

Head of the department,
Candidate of Juridical Sciences (Ph. D.)


(Olena USTYMENKO)

PREFACE

Developed by a working group consisting of:

Full Name	Job title (for part-time - main job, position)	Scientific degree, academic title for which the department (specialty) is assigned
Head of the working group		
Fomina Lina Oleksandrivna	Associate Professor of the Department of International and European Law	Candidate of Juridical Sciences (Ph. D.), Associate Professor of the Department of International and European Law
Members of the working group		
Syroid Tetiana Leonidivna	Head of the Department of International and European Law	Doctor of Law, Professor of the Department of State and Legal Disciplines
Havrylenko Oleksandr Anatoliiovych	Professor of the Department of International and European Law	Doctor of Law, professor of the Department of Theory and History of the State and Law
Holovko Oleksandr Mykolaiovych	Vice Rector for Research and Teaching, Professor of the Department of State and Legal Disciplines	Doctor of Law, professor of the Department of Theory and History of the State and Law
Shamraieva Valentyna Mykhailivna	Head of the Department of International and European Law	Doctor of political sciences, associate professor of the Department of European and Euro-Atlantic Integration and National Security
Titov Yevhen Borysovyh	Associate Professor of the Department of International and European Law	Candidate of Juridical Sciences (Ph. D.), associate professor of the Department of General Legal Disciplines

The following stakeholders are involved in the design of the EP:

- representatives of higher education students: Daria SHULHA (4th year), Mykhailo ZHDANOV (4th year)

- employers: Doctor of Law, Professor, Dean of Faculty No. 4 of the Kharkiv National University of Internal Affairs, Doctor of Law, Professor Mykola MARCHUK; Oleksiy VOROBYOV – lawyer.

The requirements of the following are taken into account during the development of the draft Program:

1) The standard of higher education of the first (bachelor) level of higher education in the field of knowledge 29 International relations of the specialty 293 International law, approved by the order of the Ministry of Education and Science of Ukraine № 428 of 04.01.2024.

2) Law of Ukraine "On Higher Education" of 01.07.2014 № 1556-VII as amended. URL: <https://zakon.rada.gov.ua/laws/show/1556-18#Text>.

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

4) Resolution of the Cabinet of Ministers of Ukraine of 23.11.2011 № 1341 "On Approval of the National Framework of Qualifications" with changes and additions. URL: <http://zakon4.rada.gov.ua/laws/show/1341-2011-п>.

5) Resolution of the Cabinet of Ministers of Ukraine of 29.04.2015 № 266 "On approval of the list of fields of knowledge and specialties for which higher education applicants are trained" with changes and additions. URL: <https://zakon.rada.gov.ua/laws/show/266-2015-п#Text>.

**1. Profile of the educational program
International law
in specialty 293 International law**

1 - General information	
Degree of higher education and title of qualification	Bachelor Bachelor of International law
The official name of the program	International law
Type of diploma and scope of educational program	Bachelor's degree, single, 240 credits, 3 years 10
Availability of accreditation	The program is recognized as accredited in accordance with the decision of the National Agency for Quality Assurance in Higher Education of June 08, 2021, protocol № 9 (52). Certificate of accreditation №1653. The certificate is valid until July 1, 2026
Cycle / level	FQ-EHEA first cycle, EQF LLL - level 6, HPK Ukraine - level 6.
Prerequisites	Training under the educational programs of specialty 293 International law is carried out for persons who have completed general secondary education, or a junior bachelor's degree in specialty 081 Law, or an educational and professional junior bachelor's degree in specialty 081 Law. Admission is carried out in compliance with the requirements for the minimum competitive score, which is established by the Procedure for admission to study for higher education for the relevant year of admission for the specialty 293 International Law.
Language of instruction	Ukrainian, English
Term of the educational program	4 years
Internet address of the permanent placement of the description of the educational program	http://law.karazin.ua/pershiybakalavrskiy-riven-vischoi-osviti-293
2 - The purpose of the educational program	
The purpose of the program	The main purpose of modern higher legal education is for students to master the basic principles of international law, study the entire system - institutions, industries - international law, the formation of professional perception and understanding of international law as a regulator of interstate relations. Training in the program involves the training of professionals who at a high professional level apply in practice the acquired legal and general scientific knowledge, are fluent in key organizational and legal mechanisms and legal institutions of international law.
3 - Characteristics of the educational program	
Subject area (field of knowledge, specialty)	Field of knowledge 29 International relations Specialty 293 International Law The object of study: the fundamentals of the theory, the institutional mechanism, the practice of applying the norms of various branches and institutions of international public law, international private law, the

	<p>law of the European Union, the implementation of international legal norms in domestic law, the main concepts of comparative jurisprudence.</p> <p>Learning goals: acquiring the ability to solve complex specialized problems 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 jurisprudence.</p> <p>Methods, techniques and technologies: general scientific methods of theoretical and empirical research; formal-legal, comparative-legal method; methods of modeling, moot court, case study, forecasting, data analysis; information search and processing technologies, modern digital technologies.</p> <p>Tools and equipment: modern information and communication equipment, standards, information resources and specialized software used in international legal and national legal activities.</p>
Orientation of the educational program	The bachelor's degree program is designed to meet the needs of the modern labor market to meet the needs of practice in international law as a basic element of the international legal system.
The main focus of the educational program and specialization	<p>Bachelor's training is aimed at developing the ability to solve basic problems within the 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.</p> <p>Key words: international law, state, human rights, European integration, international cooperation.</p>
Features of the program	Selective components of the training cycle are divided into three profiles - public law, private law and European Union law - in order to train professionals capable of professional activity and to solve specific practical problems in relevant areas.
4 - Suitability of graduates for employment and further training	
Suitability for employment	<p>Professional activity in the field of international law in foreign relations bodies, international organizations, state and local self-government bodies, arbitrations, enterprises, institutions and organizations, scientific expert-analytical and advisory activities in this field.</p> <p>Positions of legal advisers 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, notary consultant, civil status registration department inspector, population social protection department</p>

	inspector, employment department inspector, personnel department inspector, customs inspector, etc. Service in local self-government bodies, carrying out professional activities in public organizations.
Further training	Acquiring the second level of higher education (master's degree). It is possible to acquire additional qualifications in the system of postgraduate education
5 - Teaching and assessment	
Teaching and learning	Student-centered learning, encouraging a sense of autonomy in the learner, with appropriate support and support from the teacher. Learning with the use of methods of maximum activation of students during classes by organizing business games, performing creative tasks, preparing presentations, abstracts, reports and messages. The study focuses on the basic principles of international law, the study of the entire system – institutions, branches – of international law, the formation of professional perception and understanding of international law as a regulator of interstate relations. Students' self-study and group tasks are stimulated in order to acquire teamwork skills and independently find a solution to the problem.
Assessment	Current assessment - performance of test tasks, control and course works, individual educational and research tasks, oral and written questioning; final work (written) on a two-level or four-level evaluation system), qualification work (4-level evaluation system).
6 - Program competencies	
Integral competence	Ability to solve complex specialized problems 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 learning process, involving the application of legal doctrines, principles and legal institutions, relevant mechanisms of international law and characterized complexity and uncertainty of conditions.
General Competences (GC)	Competencies defined by the standard of higher education: GC 01. Ability to 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 foreign languages. 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. The ability to realize one's rights and responsibilities 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, the rights and freedoms of a person and a citizen in Ukraine. GC 10. The ability to preserve and multiply moral, cultural, scientific values and achievements of society based on an understanding of the history and patterns of development of

	<p>the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies, to use different types and forms motor activity for active recreation and leading a healthy lifestyle.</p>
<p>Спеціальні (фахові) компетентності</p>	<p>Competencies defined by the standard of higher education:</p> <p>PC01. The ability to critically interpret the theories, principles, methods and concepts of international law, the law of the European Union, comparative jurisprudence, take into account the temporal factor and predict the main directions of the development of legal systems.</p> <p>PC02. The ability to form judgments in the field of international law, law of the European Union, national law, comparative jurisprudence, taking into account social, scientific and ethical aspects.</p> <p>PC03. The ability to protect the national interests of one's own state and human rights with the help of international legal instruments and mechanisms.</p> <p>PC04, Ability to interpret and apply the law of the European Union, to participate in the adaptation of the legislation of Ukraine to the law of the EU, to provide legal support for the European and Euro-Atlantic integration of Ukraine.</p> <p>PC05. The ability to analyze the content of national legal norms, institutions and branches of law in a comparative legal context.</p> <p>PC06. The ability to provide legal support for legal relations with a foreign element, foreign economic activity and international economic cooperation.</p> <p>PC07. Ability to provide legal opinions and consultations on issues of international public and international private law, European Union law, national law of Ukraine and the law of other states; predict and assess legal risks of foreign policy and foreign economic initiatives and ways to minimize them.</p> <p>PC08. Ability to conduct discussions and debates on international legal and general legal issues, prepare cases for consideration in Ukrainian, foreign, international courts and arbitrations.</p> <p>PC09. Ability to conduct diplomatic and business correspondence, analyze the content, character and legal nature of international legal documents.</p> <p>PC10. The ability to observe the basic norms of diplomatic and business etiquette, to take into account the fundamental features of the culture, values and legal traditions of foreign countries.</p>

	<p>PC11. Ability to continue professional learning with a significant degree of autonomy.</p> <p>PC12. The ability to solve complex specialized tasks and problems in international legal and national legal activities.</p> <p>PC13. Ability to communicate on a professional and social level using professional terminology, including oral and written communication in national and foreign language(s).</p> <p>PC14. Ability to independently prepare drafts of normative, legal interpretation and law enforcement acts.</p>
7 – Program learning outcomes	
Program learning outcomes	<p>Outcomes defined by the standard of higher education:</p> <p>PLO 01. Know and understand the basics 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.</p> <p>PLO 02. To understand the historical context of the formation of international legal norms and institutions, the values underlying them, to predict the main directions of the development of international and national law.</p> <p>PLO 03. To know and understand normative provisions, doctrines and principles of functioning of international and national legal systems, to carry out on this basis the analysis and qualification of legal phenomena, to apply international legal norms and principles in the national legal system.</p> <p>PLO 04. To analyze the dynamics of the adaptation of Ukrainian legislation to the law of the European Union, to take into account the legal aspects of the processes of European and Euro-Atlantic integration when solving complex professional problems.</p> <p>PLO 05. Carry out a comparative analysis of legal systems, evaluate and argue their shortcomings and advantages, find and interpret relevant foreign legislation, provide advice on its content and practice of application, assess and minimize the risks of legally significant actions, taking into account the plurality of legal systems and jurisdictions.</p> <p>PLO 06. To provide legal support for the protection of rights, advocacy of the interests of individuals and legal entities, national interests of the state of Ukraine with the help of international and national legal mechanisms in the field of international public and international private relations.</p> <p>PLO 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 justify and defend one's own position, protect the client's interests, and for other professional purposes.</p> <p>PLO 08. Compile drafts of an international treaty and</p>

related documentation (law on ratification, explanatory notes, etc.) in Ukrainian and foreign languages, draft procedural documents, texts of draft laws, explanatory notes, comparative tables, other accompanying documentation to draft laws, conduct diplomatic and business correspondence.

PLO 09. Anticipate broad social consequences of concluding an international agreement, committing another act of a diplomatic or international legal nature, adopting domestic legal acts, identify relevant risks and warn of threats, in particular, in cooperation with specialists in other fields.

PLO 10. Communicate freely on professional issues in the state and foreign language(s) orally and in writing, use legal terminology professionally.

PLO 11. Ensure effective communication in the 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 states.

PLO 12. Convey to specialists and non-specialists information, ideas, problems, solutions and own experience on current issues of European and Euro-Atlantic integration, international law, national law and comparative jurisprudence.

PLO 13. Make joint decisions, work in a team, show leadership qualities, determine priority goals in professional and educational contexts, plan individual and group work to achieve them.

PLO 14. To have the skills of professional oral and written translation from/to foreign language(s), in particular, from the professional subject of international law.

PLO 15. Use modern digital technologies, collect from various sources, systematize and analyze information on international and national legal processes and phenomena.

PLO 16. Formulate conclusions, develop recommendations, substantiate one's own vision of ways to solve problems in the field of law-making, law interpretation and law enforcement activities.

PLO 17. Apply modern scientific achievements in the field of international law, law of the European Union and national law, interpret the results of scientific research and use them in practical professional activities.

PLO 18. Anticipate the consequences of legally significant actions and decisions for individual individuals, legal entities and the state.

PLO 19. Independently determine educational goals and learning trajectories, find the necessary educational resources for this.

8 - Resource support for program implementation	
Specific characteristics of staffing	Teaching of legal disciplines of the curriculum is provided by highly qualified scientific and pedagogical workers: doctors of legal sciences, professors and candidates of legal sciences, associate professors. If necessary, practitioners and scientists from other faculties of the university are involved in teaching practical disciplines. The scientific supervision of theses is entrusted to the most experienced teachers of the departments. The selection of staff is subject to compliance with the requirements of the License Terms. The educational support group consists of research and teaching staff who work at the main place of work and have appropriate indicators of academic activity.
Specific characteristics of material and technical support	The educational program involves the use of available multimedia equipment (computer classes, multimedia classrooms) and support for electronic communication "teacher-student" in real time.
Specific characteristics of information and educational and methodical support	The educational process uses Internet resources and technologies of distance learning, all disciplines have detailed methodological complexes, the most informative part of which is published on the website of the faculty.
9 - Academic mobility	
National credit mobility	Possible (at the request of the student)
International credit mobility	KA171 Erasmus+ agreement with Fatih Sultan Mehmet Vakif University, Istanbul, Turkey since 2022. Agreement with the University of Latvia since 2019.
Training of foreign applicants for higher education	In accordance with the current legislation.

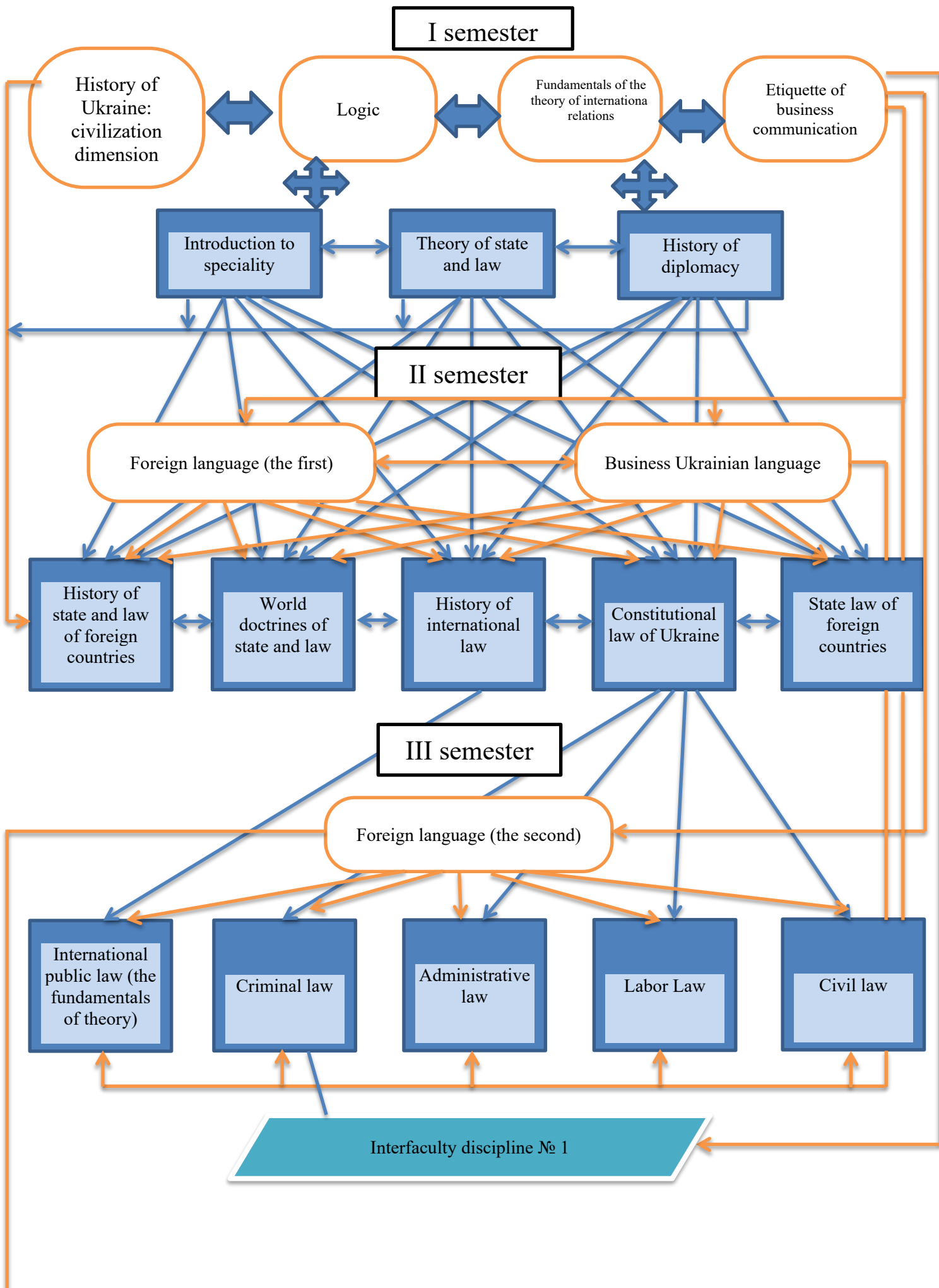
2. List of components of educational-professional / scientific program and their logical sequence

2.1. List of components of the EP

Code	Components of the educational program (academic disciplines, course projects (works), practices, qualification paper)	Number of credits	Form of final control
1	2	3	4
Compulsory components of the EP			
EC 1.	History of Ukraine: civilization dimension	3	exam
EC 2.	Fundamentals of the theory of international relations	4	offset
EC 3.	Logic	4	offset
EC 4	Etiquette of business communication	4	exam
EC -5	Foreign language (the first)	15	offset, exam
EC 6	Business Ukrainian language	4	exam
EC 7	Foreign language (the second)	12	offset, exam
EC 8	Philosophy	3	exam
EC 9	Introduction to speciality	3	offset
EC 10	Theoty of law and state	6	exam
EC 11	History of diplomacy	4	offset
EC 12	History of state and law of foreign countries	5	exam
EC 13	Constitutional law of Ukraine	5	exam
EC 14	History of international law	6	exam
EC 15	World doctrines about the state and law	4	offset
EC 16	State law of foreign countries	3	offset
EC 17	Labor law	3	exam
EC 18	Administrative law	4	exam
EC 19	International public law (the fundamentals of theory)	4	exam
EC 20	Criminal law	9	offset, exam
EC 21	Civil law	9	offset, exam
EC 22	Criminal process	3	offset
EC 23	Civil process	4	offset
EC 24	International private law	5	exam
EC 25	Comparative tax law	3	exam
EC 26	The law of the European Union	8	offset, exam
EC 27	Administrative process	3	offset
EC 28	International public law (the main branches)	4	exam
EC 29	External relations law	4	exam
EC 30	Educational practice	5	offset
EC 31	International security law	4	offset
EC 32	Modern constitutionalism	4	offset
EC 33	International economic law	4	exam
EC 34	International environmental law	5	exam
EC 35	Human rights in international law	5	exam
EC 36	Internship	5	offset
The total amount of compulsory disciplines		180	

Elective components of the EP*			
<i>1. Interfaculty disciplines (one per semester from the proposed list)</i>			
CC 1.1.	Interfaculty discipline 1	3	offset
CC1.2.	Interfaculty discipline 2	3	offset
CC 1.3.	Interfaculty discipline 3	3	offset
CC1.4.	Interfaculty discipline 4	3	offset
<i>2. Elective block (one of three profiles)</i>			
<i>Public-legal profile</i>			
CC-2.1	International relations and world politics	4	offset
CC-2.2	Protection of vulnerable categories of persons in international law	5	offset
CC-2.3	Language of speciality (by profile)	4	offset
CC-2.4	International treaty law	5	offset
CC-2.5	Legal status of territory in international law	6	offset
CC-2.6	International election standards	4	offset
CC-2.7	International maritime law	5	exam
CC-2.8	International legal regulation of personal data protection	5	offset
CC-2.9	International organisational and legal framework of counteraction to organised crime	5	offset
CC-2.10	Application of criminal and criminal procedural legislation	5	exam
<i>Private-legal profile</i>			
CC-2.1	Comparative property rights	4	offset
CC-2.2	International legal protection of intellectual property rights	5	offset
CC-2.3	Language of speciality (by profile)	4	offset
CC-2.4	Comparative contract law	5	offset
CC-2.5	Comparative family law	6	offset
CC-2.6	Comparative copyright law	4	offset
CC-2.7	Comparative inheritance law	5	exam
CC-2.8	Comparative corporate law	5	offset
CC-2.9	International trade law	5	offset
CC-2.10	Civil proceedings with the participation of foreign persons	5	exam
<i>Law of the EU</i>			
CC-2.1	Constitutional and legal principles of foreign policy	4	offset
CC-2.2	Security policy of the EU	5	offset
CC-2.3	Language of speciality (by profile)	4	offset
CC-2.4	Integration processes in Europe: history and modernity	5	offset
CC-2.5	Law of the EU internal market	6	offset
CC-2.6	European system of human rights protection	4	offset
CC-2.7	Legal regulation of the sphere of justice and internal affairs of the EU	5	exam
CC-2.8	Intellectual property law of the EU	5	offset
CC-2.9	Comparative administrative law	5	offset
CC-2.10	Legal regulation of the social sphere in the EU	5	exam
In total by elective block		60	
IN TOTAL BY EDUCATIONAL PROGRAM		240	

2.2. Structural and logical scheme of EP



IV semester

Foreign language (the first)

Philosophy

Criminal law

Criminal process

Civil Law

Interfaculty discipline № 2

Public-legal profile

Private-legal profile

Law of the EU

International relations and world politics

Protection of vulnerable categories of persons in international law

Comparative property rights

International legal protection of intellectual property rights

Constitutional and legal principles of foreign policy

Security policy of the EU

V семестр

Foreign language (the second)

The law of the European Union

Administrative process

Comparative tax law

Civil process

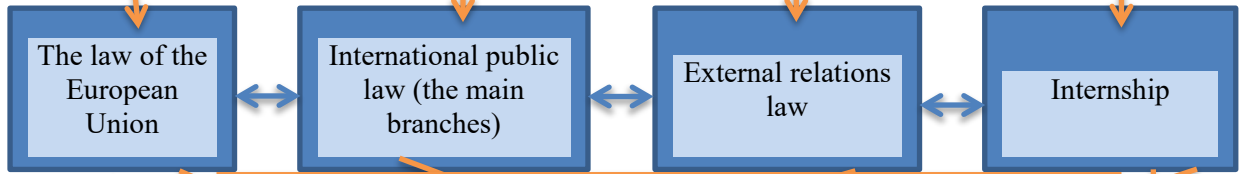
International private law

Interfaculty discipline № 3

Language of speciality (by profile)

VI semester

Foreign language (the first)



Interfaculty discipline № 4

Public-legal profile

Private-legal profile

Law of the EU

International treaty law

or

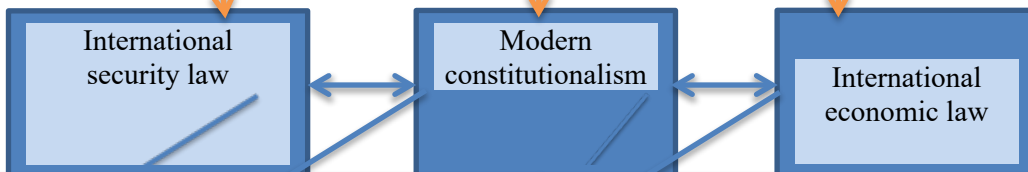
Comparative contract law

or

Integration processes in Europe: history and modernity

VII semester

Foreign language (the second)



Public-legal profile

Private-legal profile

Law of the EU

Legal status of territory in international law

International election standards

International maritime law

or

Comparative family law

Comparative copyright law

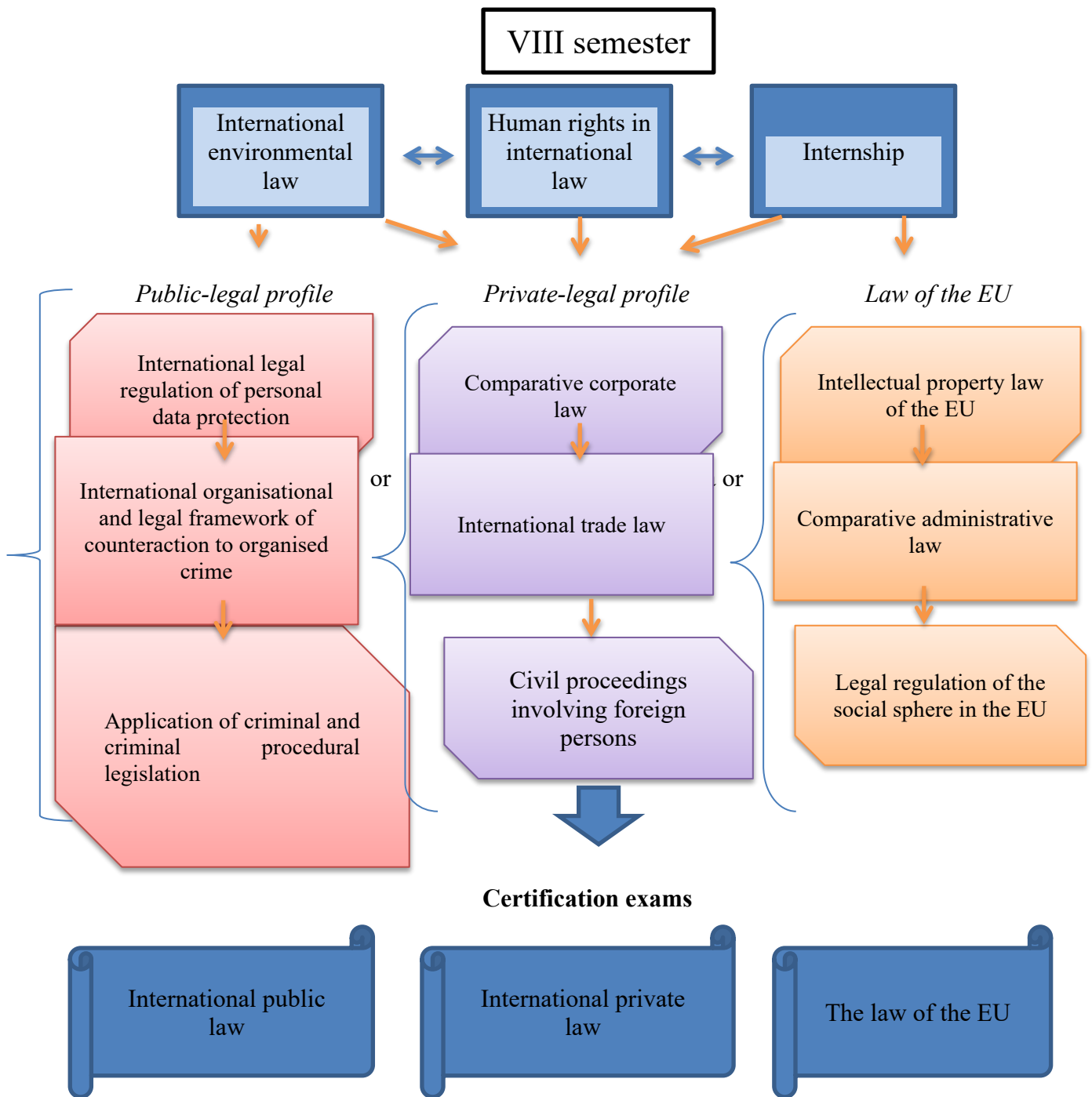
Comparative inheritance law

or

Law of the EU internal market

European system of human rights protection

Legal regulation of the sphere of justice and internal affairs of the EU



3. Form of certification of applicants for higher education.

In order to determine the compliance of the level of knowledge acquisition of graduates to the first (bachelor's) level of higher education, the final certification is carried out, which is carried out in the form of exams: 1. International public law; 2. International private law; 3. The law of the EU.

The certification exam in the specialty should provide for the assessment of the achievement of learning outcomes defined by the Standard of Higher Education and the educational and professional program.

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

	EC1	EC2	EC3	EC4	EC5	EC6	EC7	EC8	EC9	EC10	EC11	EC12	EC13	EC14	EC15	EC16	EC17	EC18	EC19	EC20	EC21	EC22	EC23	EC24	EC25	EC26	EC27	EC28	EC29	EC30	EC31	EC32	EC33	EC34	EC35	EC36		
PLO 01									X					X					X					X				X										
PLO 02	X	X									X	X		X												X			X									
PLO 03		X		X						X			X		X	X	X	X							X		X					X						
PLO 04		X	X					X					X													X		X				X						
PLO 05	X		X					X		X		X	X		X	X				X	X	X	X	X	X			X				X	X	X				
PLO 06				X													X	X		X	X	X	X	X			X								X			
PLO 07																	X	X		X	X	X	X	X			X	X			X			X	X	X	X	
PLO 08				X	X	X	X		X										X												X							
PLO 09			X					X	X				X						X									X			X	X						
PLO 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
PLO 11				X			X			X	X				X	X													X		X						X	
PLO 12		X									X													X		X			X								X	
PLO 13	X		X					X			X	X																	X	X								
PLO 14					X	X	X		X		X								X						X			X	X	X			X					
PLO 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
PLO 16																														X	X					X	X	
PLO 17																										X	X			X								
PLO 18		X							X	X	X				X				X						X			X	X	X						X	X	
PLO 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