

Ministry of Education and Science of Ukraine
Yaroslav Mudryi National Law University
Department of Civil Law №1

PROGRAMME
of the academic discipline
«Legal aspects of the e-commerce /
Правові аспекти електронної комерції»

Level of higher education – the second (master's) level

Degree of higher education – master

Field of knowledge – 29 “International Relationships”

Speciality – 293 “International Law”

Status of the academic discipline – optional

Approved at the meeting Academic council

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Rector

Anatolii Getman

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The programme of the academic discipline «Legal aspects of the e-commerce / Правові аспекти електронної комерції» for students of the second (master's) level of higher education in the field of knowledge 29 "International Relationships" speciality 293 "International Law". Kharkiv: Yaroslav Mudryi National Law University, 2022. 32 p.

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1. Introduction

1.1. *The purpose and tasks of the academic discipline.*

The purpose of the academic discipline is to form a system of scientific and practical knowledge in the field of legal regulation of relations that arise between subjects of electronic commerce in the process of concluding and executing contracts.

Tasks:

- formation of a set of legal competencies necessary for a modern lawyer;
- development of skills and abilities to analyze international agreements that regulate relations between subjects of electronic commerce, and interpretation of their norms;
- learning the basics of comparative analysis of domestic and foreign legislation, which regulates the relations that arise between subjects of electronic commerce;
- acquiring Ability to apply provisions of domestic legislation and legislation of foreign countries when solving practical tasks;
- analysis and research of applied problems arising in the field of electronic commerce.

1.2. *Status of the academic discipline in the structure of the educational and professional program:* at the choice of the student.

1.3. *Prerequisites:* "Legal regulation of the EU internal market", "Law of the European Union and its system", "Tax law".

1.4. *Co-requisites:* "International Contract Law", "European Private International Law"

1.5. *Post-requisites:* "International intellectual property law", "EU corporate law and governance"

1.6. *List of subject competencies higher education applicant :*

SC-1. Knowledge of the peculiarities of legal regulation of relations in the field of electronic commerce.

SC-2. Understanding the sphere of social relations covered by the concept of "electronic commerce".

SC-3. Ability to resolve atypical (new) categories of disputes arising between e-commerce entities.

SC-4. Ability to offer non-standard approaches to solving problems in the practice of applying legislation on electronic commerce.

SC-5. Ability to promptly and quickly find different approaches to solving problems that arise in the practice of resolving disputes between e-commerce entities.

SC-6. Ability to effectively conduct scientific research on the legal regulation of relations in the field of electronic commerce and the practice of applying regulatory acts when resolving disputes between subjects of electronic commerce.

SC-7. Knowledge of the basics of legal regulation of relations in the field of electronic commerce at the level of international agreements.

SC-8. Ability to distinguish public-law and private-law types of regulation of relations in the field of electronic commerce.

SC-9. Ability to apply the provisions of normative legal acts subsidiarily, by analogy with the law and by analogy with law when solving practical tasks.

SC-10. Ability to analyze a significant amount of e-commerce regulatory material and Ability to correctly summarize and evaluate it.

SC-11. Ability to express ideas clearly and accurately in English, using terms used in secondary EU e-commerce legislation, as well as in the legislation of certain foreign countries.

SC-12. Ability to work with the legislation of foreign countries and supranational sources of law that regulate relations in the field of electronic commerce.

SC-13. Ability to identify and use regulatory and legal acts that regulate relations in the field of electronic commerce, when solving practice tasks.

SC-14. Ability to formulate a personal opinion when resolving disputes arising between subjects of electronic commerce, and to present it with evidence.

SC-15. Knowledge of the main theoretical problems of regulating relations in the field of electronic commerce.

SC-16. Ability to apply general scientific and special methods to solve theoretical problems of regulating relations in the field of electronic commerce.

SC-17. Knowledge of the main acts of secondary European legislation that regulate relations in the field of electronic commerce.

SC-18. Ability to apply the provisions of secondary EU legislation in resolving disputes arising between e-commerce entities.

SC-19. Knowledge of the reasons for the convergence of continental legal and Anglo-American approaches to the regulation of relations in the field of electronic commerce.

SC-20. Ability to find the correct way of interpreting the provisions of the law during the resolution of disputes arising between subjects of electronic commerce.

The explanation of general and special competencies is defined in the map of subject competencies (Appendix 1)

List of learning outcomes of the applicant of higher education :

LO AD - 1.1. Define the concepts of "electronic commerce", "information society services" and "electronic trust services".

LO AD - 1.2. Name the international, European and national legal acts that regulate relations in the field of electronic commerce

LO AD - 1.3. Explain the rules of application of international acts that regulate relations in the field of electronic commerce

LO AD - 1.4. Differentiate between e-commerce participants and intermediate service providers.

LO AD - 1.5. Apply the provisions of international, European and national legal acts to resolve disputes that arise between e-commerce entities.

LO AD - 1.6. Use the rules for determining applicable law and court jurisdiction in the event of disputes between e-commerce entities.

LO AD - 1.7. Demonstrate knowledge and understanding of the peculiarities of public and private law in the context of legal regulation of relations in the field of electronic commerce.

LO AD - 1.8. Define the terms "service provider", "service recipient" and "consumer".

LO AD - 2.1. Define the concepts of "contract in the field of electronic commerce" and "electronic message".

LO AD - 2.2. Classify contracts in the field of electronic commerce.

LO AD - 2.3. Explain the difference between the concept of "form of presentation of information" and "form of deed".

LO AD - 2.4. Classify electronic signatures.

LO AD - 2.5. Explain the features of the offer when concluding contracts in the field of electronic commerce.

LO AD - 2. 6. Describe the approaches to determining the place of the electronic form of information presentation among forms of transactions.

LO AD - 2.7. Describe approaches to determining the legal status of an electronic signature in the countries of the Anglo-American and Romano-Germanic legal families.

LO AD - 2.8. Explain the approaches to understanding the public offer in various legislations.

LO AD - 2.9. Apply knowledge of contract law to resolve disputes arising between e-commerce entities.

LO AD - 2.10. Apply explanations of domestic courts and courts of foreign countries and the European Union to solve practical problems.

LO AD - 3.1. Apply advanced knowledge and methods in the process of drawing up draft contracts on the disposal of intellectual property rights between subjects of electronic commerce.

LO AD - 3.2. Formulate one's legal position when solving practical tasks related to contracts in the field of disposal of property rights of intellectual property, which are concluded between subjects of electronic commerce.

LO AD - 3.3. To apply the provisions of the acts of secondary legislation of the EU when resolving disputes arising in connection with the conclusion of contracts in the field of disposal of property rights of intellectual property.

LO AD - 3.4. Define the concepts of "trademark" and "domain name".

LO AD - 3.5. Discuss complex legal issues related to the protection of rights to trademarks and domain names belonging to e-commerce entities, propose and substantiate options for their solution.

LO AD - 3.6. Define the concepts of "personal data", "big data", "database" and be able to distinguish between them.

LO AD - 3.7. Apply the provisions of secondary EU legislation when resolving disputes arising in the field of personal data protection.

LO AD - 3.8. Explain the peculiarities of the functioning of blockchain technology as an environment for concluding contracts and carrying out transactions.

LO AD - 3.9. Define the concepts of "token", "cryptocurrency" and be able to explain them.

An explanation of the results of mastering the educational discipline and the results of training by speciality and specialization is determined in the map of training results, formulated in terms of competencies (Appendix 2)

1.7. Programme modules academic discipline.

Module 1. Concept of electronic commerce and features of its legal regulation.

Module 2. Contracts in the field of electronic commerce.

Module 3. Peculiarities of legal regulation of relations between subjects of electronic commerce in various spheres.

The programme of an academic discipline is a set of modules, their certain sequence, which contributes to the mastery of certain competencies necessary to achieve specific learning outcomes. Each module has a certain logical completeness in relation to the necessary results of mastering the educational and professional programme as a whole. Topics are not defined within the module.

The modular principle of building the curriculum of an academic discipline ensures the flexibility of the content of an academic discipline, which is reflected in the possibility of its differentiation and integration. Continuity of a meaningful and logical transition between the modules of the academic discipline program, as well as the increase of new knowledge become possible thanks to the application of the principle of the "didactic spiral".

The number of educational units (didactic volume) of the content of the academic discipline must correspond to the structure of the academic discipline and the actual study time of the students.

The didactic scope of the academic discipline is determined by the developer in an expert manner with a focus on the subject area of the academic discipline, as well as on competence and learning outcomes.

Quantitative and qualitative indicators of the implementation of the academic discipline programme within the didactic structure are defined in the taxonomy of the academic discipline.

The explanation of the modules of the competence-oriented programme of the academic discipline is defined in the matrix of connections between the modules of the academic discipline, learning outcomes and subject competencies (Appendix 3).

2. Description of the academic discipline (educational units)

Course	Level of education, field of knowledge, speciality, specialization	Didactic structure and number of hours
Number of ECTS credits: 4.0 Number of modules: 3 Total number of hours: 120 Weekly hours: 4	Level of education - second (master's) Field of knowledge - 29 "International Relationships" Speciality - 293 "International Law"	Module 1 Lectures: 4 Practical classes: 4 Independent work: 24 Module 2 Lectures: 4 Practical classes: 4 Independent work: 20 Module 3 Lectures: 10 Practical classes: 12 Independent work: 38 Types of control: current control; final control of knowledge (assessment)

3. Contents of the curriculum

Module 1. Concept of electronic commerce and features of its legal regulation.

The concept of "electronic commerce". The concept of "commerce" in international treaties. Correlation of the concepts of "trade" and "commerce" in international acts and in the legislation of Ukraine. The concept of "electronic means of communication" and approaches to its understanding. Concepts of "information society services" and "electronic trust services".

Peculiarities of the Internet: the absence of geographical borders, the possibility of passing information through a server located on the territory of a foreign country, the difficulty of identifying subjects, the dependence of the relations of Internet participants on providers. The impact of the features of the Internet on the legal regulation of electronic commerce. International cooperation on the regulation of relations arising from the use of the Internet.

Regulation of relations arising in the field of electronic commerce by international acts. UNCITRAL Model Law on Electronic Commerce 1996. 2005 UN Convention on the Use of Electronic Communications in International Treaties. Regulations and directives of the European Parliament and the Council of the EU in the field of electronic commerce. International principles of regulation of relations arising from contracts in the field of electronic commerce. Peculiarities of regulation of relations in the field of electronic commerce by national legislation.

Determination of the applicable law in the event of a dispute between e-commerce entities. Determining the jurisdiction of courts when resolving disputes between e-commerce entities.

Subjects of electronic commerce. Concepts of "compositor" and "addressee". Correlation of the concepts "service providers", "established service provider", "service recipient", "consumer". Peculiarities of participation in electronic commerce of legal entities. Requirements for service providers and their

responsibilities in the field of electronic commerce. The legal status of the recipient of services and its rights in the field of electronic commerce.

Providers of intermediate services: operators (providers) of telecommunications, operators of payment infrastructure services, hosters. Responsibility of operators, providers and hosters for placement, storage and/or transmission of information provided by e-commerce entities.

Module 2. Contracts in the field of electronic commerce.

Concepts and features of contracts in the field of electronic commerce. Contracts to which the legislation governing relations in the field of electronic commerce does not apply. Types of contracts in the field of electronic commerce. Application of consumer protection legislation to relationships arising from e-commerce contracts.

Peculiarities of concluding contracts in the field of electronic commerce. Content and form of the proposal (offer) to conclude a contract in the field of electronic commerce. Definition of the terms of the contract in the field of electronic commerce in the offer. Public offer in the field of electronic commerce. Determination of the moment of receipt of the offer.

Requirements for the content and form of acceptance. Types of forms of expression of acceptance when concluding contracts in the field of electronic commerce. "Click - wrap " and " browse - wrap " contracts .

Determination of the moment of conclusion of the contract. Delivery theory. Theory of dispatch. The procedure for determining the moment of acceptance when concluding contracts in the field of electronic commerce. Determination of the place of conclusion of contracts in the field of electronic commerce. Peculiarities of resolving pre-contractual disputes when concluding contracts in the field of electronic commerce.

Concept of electronic form. The place of the electronic form among other forms of transactions. Details of the form of contracts in the field of electronic commerce. Electronic signature and its varieties. The principle of technological neutrality and functional equivalence. Electronic digital signature: legal nature, creation procedure and features of use. Consequences of non-compliance with

formal requirements when concluding contracts in the field of electronic commerce.

Module 3. Peculiarities of legal regulation of relations between subjects of electronic commerce in various spheres.

Contracts in the field of disposal of property rights of intellectual property, which are concluded in the practice of e-commerce entities. The concept and types of contracts regarding the disposition of property rights of intellectual property. License and license agreements and their features in the field of IT, their relationship with SAAS agreements. Agreements on the transfer of intellectual property rights and their peculiarities in the practice of e-commerce entities. Agreements on the creation to order and the use of objects of intellectual property rights in the practice of e-commerce entities.

Protection of trademark rights of e-commerce entities. Domain name. General characteristics of legal protection of trademarks. The relationship between a trademark and a domain name. Privacy, publicity and individuality: protection of privacy and private data; individual merchandising.

Protection of personal data of Internet users. The concept of personal data and its relationship with the right to respect for private life. Regulation of the European Parliament and the Council of the European Union (EU) 2016/679 on data protection as the main source of regulation in the field of personal data protection in modern times. Subjects of relations in the field of personal data processing: data subject, data controller and data operator. Rights of data subjects: right to information, right to be forgotten, right to restriction of processing, etc. Requirements for the activities of the controller and data operator in ensuring the protection of personal data. Transfer of personal data. Liability for violation of requirements for ensuring the protection of personal data.

Blockchain technology as a transaction environment. The concept of blockchain and features of its use in various transactions. Types of blockchain and the impact of features of different types of blockchain on transactions. Concepts of "cryptocurrency", "token", "mining", "node" and ICO. Approaches to the legal

regulation of transactions using blockchain technology in the EU. The concept of "smart contract" and the place of smart contracts in contract law.

4. Resource support of the academic discipline

4.1. Forms of organization of the educational process and types of educational classes

– forms of organization of the educational process: educational classes; individual work; practical training; control measures.

- types of educational classes: lectures, practical classes, individual classes, consultations.

4.2. Independent work of students of higher education

Independent work of students is a type of extracurricular work of an educational nature, which consists in the performance of certain types of work to master the discipline.

Independent work is a student's work that is planned and executed under pedagogical guidance, but without the direct involvement of the teacher. Carrying out this type of work, the student must independently work out the outline of lectures, literature, normative legal acts for the topics presented in practical classes.

Forms of independent work are: individual final written work; doing homework; revision of lecture materials; development of additional literature; preparation of summaries on issues submitted for independent consideration; preparation of thematic presentations; preparation of abstracts; self-monitoring of knowledge by students, etc.

Students' independent work consists in studying additional educational and scientific literature, studying judicial practice, familiarizing themselves with normative international legal and national acts regulating relations between subjects of electronic commerce. This type of work is aimed at the formation of subject competences and the formation of professional knowledge, as well as Ability for self-education, the development of independence, activity and responsibility of students.

4.3. Educational technologies and teaching methods

The teaching of the academic discipline is carried out using the technologies of student-centered learning and problem-based learning (problematic presentation of the material), as well as the use of such teaching methods as: thematic discussion and simulation exercise.

4.4. Forms of pedagogical control and quality assessment system formed competences based on the results of mastering the academic discipline

Forms of students' knowledge control are current and final control.

Current control of students' knowledge includes:

- quality control of students' assimilation of the programme material of the academic discipline in practical classes using the following tools: oral / written survey, express survey, solving practical tasks, participation in the development of a case , preparation of a presentation, essay, essay , etc. The current control is aimed at checking the level of the student's preparation in studying the current material. In the course of the practical session, the student can receive an assessment on a four-point scale (0, 3, 4, 5);

- quality control of the students' assimilation of the programme material of the academic discipline, which is conducted at the end of the modules in the form of colloquiums.

During the semester, students perform tasks for independent work (preparation of a presentation, essay, report, etc.). The maximum number of points for independent work is 10 points.

The form of final control of the knowledge of higher education students in the academic discipline is the assessment. The minimum number of points to receive credit is 60.

Distribution of points between forms of organization of the educational process
and types of control measures:

Current control							Final assessment of knowledge (assessment)
Module No. 1		Module No. 2		Module No. 3		Independent work of students	
p/z	Colloquium	p/z	Colloquium	p/z	Colloquium		
max 20	max 10	max 20	max 10	max 20	max 10	max 10	max 100

Criteria for evaluating learning outcomes :

type of control	Scores	Criteria (for each assessment)
Current control in a practical session	Max 5	Excellent assimilation of educational material on the topic, some minor shortcomings are possible.
	4	Good assimilation of the material on the topic, but there are some mistakes .
	3	Satisfactory level of assimilation of the material, a significant number of errors .
	Min 0	Unsatisfactory level of assimilation of the material.
Colloquium	Max 10	The results of processing the material are high, a small number of insignificant errors are possible.
	5	Satisfactory level of assimilation of the material, a significant number of errors.
	Minimum 0	Unsatisfactory level of assimilation of the material.
Individual students' work	Max 10	The work is designed in accordance with the requirements of the department. The work does not contain methodological errors, there are references to sources and own conclusions. In the defense, in-depth knowledge of the topic is demonstrated, as well as proof of conclusions, positions, classifications, etc.
	7	The work is designed in accordance with the requirements of the department. The work contains minor methodological errors, there are references to sources, there are own conclusions. During the defense, sufficient knowledge of the topic is demonstrated, as well as proof of conclusions, positions, classifications, etc.
	5	The work is designed in accordance with the requirements of the department, but with minor errors. The work contains methodological and content errors, there are references to sources, there are own conclusions. During the defense, sufficient knowledge of the topic was demonstrated, but there were problems with the argumentation of individual concepts and judgments in

		the work, the proof of conclusions.
	3	The work was prepared with errors and violations of cathedral requirements regarding the form of work. The work contains methodological and substantive errors, an insufficient number of sources were used to substantiate the research and conclusions. During the defense, difficulties arose regarding the disclosure of the content of the topic, providing arguments regarding individual provisions of the work and the validity and provenance of the conclusions.
	Minimum 0	The work is improperly designed, without references to sources, and contains methodological errors. During the defense, the author of the work cannot demonstrate knowledge of the chosen topic, provide arguments for concepts and perform information analysis. The work was performed in violation of the requirements of academic integrity.
Assessment	Max 100	Excellent knowledge of the subject.
	Min 60	Sufficient knowledge of the subject

4.5. Educational, methodical and information support of the academic discipline

Normative and legal acts

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the proliferation of weapons of mass destruction: Law of Ukraine dated December 6, 2019 , No. 361-IX. URL : <https://zakon.rada.gov.ua/laws/show/361-20#Text>

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15. Directive 2000/31/EC of the European Parliament and of the Council of 8 June 2000 on certain legal aspects of information society services, in particular electronic commerce, in the Internal Market ('Directive on electronic commerce') . *Official Journal of the European Union* . L 178, 17.7.2000, p. 1–16 . URL: <https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=celex%3A32000L0031>

16. Directive 2011/83/EU of the European Parliament and of the Council of 25 October 2011 on consumer rights, amending Council Directive 93/13/EEC and Directive 1999/44/EC of the European Parliament and of the Council and repealing Council Directive 85 /577/EEC and Directive 97/7/EC of the European Parliament and of the Council Text with EEA relevance . *Official Journal of the European Union* . L 304/64, 22.11.2011, 64–88. URL: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32011L0083>

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Internet resources

1. The website of the scientific library of Yaroslav the Wise National University of Law - <http://library.nlu.edu.ua/>
2. The official web portal of the Verkhovna Rada of Ukraine - <http://rada.gov.ua/>
3. The UNCITRAL website is <https://uncitral.un.org/ru>
4. Website of the Permanent Mission of Ukraine to the UN - <https://ukraineun.org/>
5. The official website of the European Union is <http://europa.eu>
6. The unified state register of court decisions is <http://revestr.court.gov.ua>
7. The official web portal of the Constitutional Court of Ukraine - <https://ccu.gov.ua/>

SEEMC

Standardized electronic educational and methodological complex of the Department of Civil Law No 1. URL: <https://library.nlu.edu.ua/senmk/item/224-tsvvilne-pravo-ukrainy-2-chastyna.html>

Appendix 1

Map of subject competencies in the academic discipline

Code and name of competences by speciality and/or specialization	Code and name of competences from the academic discipline
GC - general (universal) competences	SC - subject competences in the academic discipline
GC 1. Ability to think critically, analyze and synthesize.	SC-3. Ability to resolve atypical (new) categories of disputes arising between e-commerce entities. SC-4. Ability to offer non-standard approaches to solving problems in the practice of applying legislation on electronic commerce. SC-6. Ability to effectively conduct scientific research on the legal regulation of relations in

	the field of electronic commerce and the practice of applying regulatory acts when resolving disputes between subjects of electronic commerce.
GC 2. The ability to identify and solve problems arising in the professional sphere, to formulate and ask questions for their further solution.	SC-7. Knowledge of the basics of legal regulation of relations in the field of electronic commerce at the level of international agreements. SC-8. Ability to distinguish public-law and private-law types of regulation of relations in the field of electronic commerce.
GC 3. Ability to adapt and act in a new situation.	SC-4. Ability to offer non-standard approaches to solving problems in the practice of applying legislation on electronic commerce. SC-5. Ability to promptly and quickly find different approaches to solving problems that arise in the practice of resolving disputes between e-commerce entities.
GC 4. Ability to generate new ideas (creativity).	SC-3. Ability to resolve atypical (new) categories of disputes arising between e-commerce entities. SC-4. Ability to offer non-standard approaches to solving problems in the practice of applying legislation on electronic commerce. SC-20. Ability to find the correct way to interpret the provisions of the law when resolving disputes arising between e-commerce entities
GC 5. Ability to act socially responsibly and consciously	SC-20. Ability to find the correct way to interpret the provisions of the law when resolving disputes arising between e-commerce entities
GC 6. Ability to work effectively in an intercultural environment, including developing and managing international projects.	SC-11. Ability to express ideas clearly and accurately in English, using terms used in secondary EU e-commerce legislation, as well as in the legislation of certain foreign countries. PK-17. Knowledge of the main acts of secondary European legislation that regulate relations in the field of electronic commerce. SC-18. Ability to apply the provisions of secondary EU legislation in resolving disputes arising between e-commerce entities. SC-19. Knowledge of the reasons for the convergence of continental legal and Anglo-American approaches to the regulation of relations in the field of electronic commerce.
GC 7. Ability to conduct research at an appropriate level	SC-20. Ability to find the correct way to interpret the provisions of the law when resolving disputes arising between e-commerce entities
GC 9. Ability to solve problems of an innovative nature and to find alternative	SC-3. Ability to resolve atypical (new) categories of disputes arising between e-

solutions in professional activities.	commerce entities.
GC 10. Ability to work (collect, receive, systematize and synthesize) with various information and large volumes of information from various sources, analyze and critically and constructively evaluate it, taking into account the cross-cultural characteristics of the subjects of international relations.	SC-11. Ability to express ideas clearly and accurately in English, using terms used in secondary EU e-commerce legislation, as well as in the legislation of certain foreign countries.
GC 12. Ability to formulate a personal opinion and present it with evidence.	SC-7. Knowledge of the basics of legal regulation of relations in the field of electronic commerce at the level of international agreements. SC-8. Ability to distinguish public-law and private-law types of regulation of relations in the field of electronic commerce SC-14. Ability to formulate a personal opinion when resolving disputes arising between subjects of electronic commerce, and to present it with evidence. SC-15. Knowledge of the main theoretical problems of regulating relations in the field of electronic commerce. SC-16. Ability to apply general scientific and special methods to solve theoretical problems of regulating relations in the field of electronic commerce.
GC 15. Ability to understand the specifics of the subject area and professional activity, to make well-founded, balanced decisions and to be aware of their ethical consequences.	SC-7. Knowledge of the basics of legal regulation of relations in the field of electronic commerce at the level of international agreements.
SC - special competences	
SC 1. Ability to critically analyze the problems and patterns of the functioning and development of international relations, to determine the trends in the development of world politics, to assess the impact of global political processes on national legal, political and economic systems.	SC-15. Knowledge of the main theoretical problems of regulating relations in the field of electronic commerce. SC-16. Ability to apply general scientific and special methods to solve theoretical problems of regulating relations in the field of electronic commerce. SC-17. Knowledge of the main acts of secondary European legislation that regulate relations in the field of electronic commerce. SC-18. Ability to apply the provisions of secondary EU legislation in resolving disputes arising between e-commerce entities.
SC 2. Ability to communicate freely in a foreign language, both orally and in writing, in the professional sphere.	SC-11. Ability to express ideas clearly and accurately in English, using terms used in secondary EU e-commerce legislation, as well as in the legislation of certain foreign countries.

<p>SC 3. Ability to independently provide legal representation of the interests of individuals, legal entities or the state when considering cases in national and international institutions and organize the provision of legal services.</p>	<p>SC-5. Ability to promptly and quickly find different approaches to solving problems that arise in the practice of resolving disputes between e-commerce entities.</p> <p>SC-13. Ability to identify and use regulatory and legal acts that regulate relations in the field of electronic commerce, when solving practice tasks.</p> <p>SC-14. Ability to formulate a personal opinion when resolving disputes arising between subjects of electronic commerce, and to present it with evidence.</p> <p>SC-20. Ability to find the correct way of interpreting the provisions of the law during the resolution of disputes arising between subjects of electronic commerce.</p>
<p>SC 5. The ability to effectively ensure the adaptation of Ukrainian legislation to EU law in law-making, law-interpreting and law-enforcing contexts, to provide legal support to European integration and Euro-Atlantic processes in various spheres of social relations.</p>	<p>SC-17. Knowledge of the main acts of secondary European legislation that regulate relations in the field of electronic commerce.</p> <p>SC-18. Ability to apply the provisions of secondary EU legislation in resolving disputes arising between e-commerce entities.</p>
<p>SC 7. Ability to represent the interests of Ukraine or individuals and legal entities in international judicial institutions, arbitrations, national courts of foreign countries.</p>	<p>SC-18. Ability to apply the provisions of secondary EU legislation in resolving disputes arising between e-commerce entities.</p>
<p>SC 11. Ability to ensure the implementation of international legal standards in certain areas of national legislation.</p>	<p>SC-7. Knowledge of the basics of legal regulation of relations in the field of electronic commerce at the level of international agreements.</p>
<p>SC 12. Ability to conduct research and/or introduce innovations in various fields and institutions of public international law, private international law, EU law.</p>	<p>SC-18. Ability to apply the provisions of secondary EU legislation in resolving disputes arising between e-commerce entities.</p>
<p>SC 14. Ability to apply an interdisciplinary approach in the assessment of international legal phenomena and international relations using legal tools.</p>	<p>SC-8. Ability to distinguish public-law and private-law types of regulation of relations in the field of electronic commerce.</p> <p>SC-9. Ability to apply the provisions of normative legal acts subsidiarily, by analogy with the law and by analogy with law when solving practical tasks.</p>
<p>SC. 15. Ability to make decisions in situations that require a systematic, logical and functional interpretation of the norms of international law (public/private), the law of the European Union, as well as an understanding of the peculiarities of the practice of their application.</p>	<p>SC-19. Knowledge of the reasons for the convergence of continental legal and Anglo-American approaches to the regulation of relations in the field of electronic commerce.</p> <p>SC-20. Ability to find the correct way of interpreting the provisions of the law during the resolution of disputes arising between subjects of electronic commerce.</p>

SC 21. The ability to communicate effectively in an international, multicultural environment using knowledge in the fields of international law, European law and international relations.	SC-14. Ability to formulate a personal opinion when resolving disputes arising between subjects of electronic commerce, and to present it with evidence.
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Appendix 2

Map of the results of studies of a higher education applicant, formulated in terms of competencies

Code and name of LO by speciality	module	The code and name of the LO from the academic discipline
Programme Learning Outcomes (PLO)		Learning outcomes from the academic discipline
PLO 1. To analyze multifaceted problems of international and national legal content and propose ways to solve them.	No. 1	LO AD - 1.1. Define the concepts of "electronic commerce", "information society services" and "electronic trust services". LO AD - 1.4. To differentiate between e-commerce participants and intermediate service providers. LO AD - 1.6. Use the rules for determining applicable law and court jurisdiction in the event of disputes between e-commerce entities. LO AD - 1.8. Define the terms "service provider", "service recipient" and "consumer".
PLO 2. To produce new ideas for solving practical tasks in the field of professional legal activity.	No. 1	LO AD - 1.2. Name the international, European and national legal acts that regulate relations in the field of electronic commerce LO AD - 1.3. Explain the rules of application of international acts that regulate relations in the field of electronic commerce LO AD - 1.5. Apply the provisions of international, European and national legal acts to resolve disputes that arise between e-commerce entities. LO AD - 1.6. Use the rules for determining applicable law and court jurisdiction in the event of disputes between e-commerce entities. LO AD - 1.7. Demonstrate knowledge and understanding of the peculiarities of public and private law in the context of legal regulation of relations in the field of electronic commerce.
PLO 3. To communicate in a foreign language both orally and in writing in professional legal activities.	No. 1	LO AD - 1.2. Name the international, European and national legal acts that regulate relations in the field of electronic commerce LO AD - 1.3. Explain the rules of application of international acts that regulate relations in the field of electronic commerce LO AD - 1.5. Apply the provisions of international,

		<p>European and national legal acts to resolve disputes that arise between e-commerce entities.</p> <p>LO AD - 1.6. Use the rules for determining applicable law and court jurisdiction in the event of disputes between e-commerce entities.</p> <p>LO AD - 1.7. Demonstrate knowledge and understanding of the peculiarities of public and private law in the context of legal regulation of relations in the field of electronic commerce.</p>
<p>PLO 7. To make informed decisions based on the acquired knowledge of international public, private and EU law and to be aware of their consequences for various subjects of national and international law.</p>	No. 1	<p>LO AD - 1.3. Explain the rules of application of international acts that regulate relations in the field of electronic commerce</p>
<p>PLO 9. To be aware of the mechanism and consequences of the implementation of the norms of international treaties, the application of acts of international intergovernmental organizations, the implementation of decisions of international courts in the national legal order.</p>	No. 1	<p>LO AD - 1.2. Name the international, European and national legal acts that regulate relations in the field of electronic commerce</p> <p>LO AD - 1.3. Explain the rules of application of international acts that regulate relations in the field of electronic commerce</p> <p>LO AD - 1.5. Apply the provisions of international, European and national legal acts to resolve disputes that arise between e-commerce entities.</p> <p>LO AD - 1.6. Use the rules for determining applicable law and court jurisdiction in the event of disputes between e-commerce entities.</p> <p>LO AD - 1.7. Demonstrate knowledge and understanding of the peculiarities of public and private law in the context of legal regulation of relations in the field of electronic commerce.</p>
<p>PLO 13. To acquire new knowledge throughout life, to raise the level of own qualifications.</p>	No. 1	<p>LO AD - 1.2. Name the international, European and national legal acts that regulate relations in the field of electronic commerce</p> <p>LO AD - 1.3. Explain the rules of application of international acts that regulate relations in the field of electronic commerce</p> <p>LO AD - 1.5. Apply the provisions of international, European and national legal acts to resolve disputes that arise between e-commerce entities.</p>
<p>PLO 17. To carry out research on international legal topics, using primary sources and methods of legal interpretation of complex problems arising from this research, justify the conclusions and present the results of the research.</p>	No. 1	<p>LO AD - 1.2. Name the international, European and national legal acts that regulate relations in the field of electronic commerce</p>
<p>PLO 18. To freely use</p>	No. 1	<p>LO AD - 1.6. Use the rules for determining</p>

available information, communication technologies and databases for professional activities.		applicable law and court jurisdiction in the event of disputes between e-commerce entities. LO AD - 1.7. Demonstrate knowledge and understanding of the peculiarities of public and private law in the context of legal regulation of relations in the field of electronic commerce.
PLO 19. To demonstrate knowledge of the evolution, current state and prospects for the development of legal regulation of various spheres of international cooperation, to be aware of the consequences of the convergence of legal systems in the conditions of globalization and regional integration.	No. 1	LO AD - 1.6. Use the rules for determining applicable law and court jurisdiction in the event of disputes between e-commerce entities.
PLO 1. To analyze multifaceted problems of international and national legal content and propose ways to solve them.	No. 2	LO AD - 2.1. Define the concepts of "contract in the field of electronic commerce" and "electronic message". LO AD - 2.2. Classify contracts in the field of electronic commerce. LO AD - 2.3. Explain the difference between the concept of "form of presentation of information" and "form of deed".
PLO 2. To produce new ideas for solving practical tasks in the field of professional legal activity.	No. 2	LO AD - 2.6. Describe the approaches to determining the place of the electronic form of information presentation among forms of transactions. LO AD - 2.7. Describe approaches to determining the legal status of an electronic signature in the countries of the Anglo-American and Romano-Germanic legal families. LO AD - 2.8. Explain the approaches to understanding the public offer in various legislations. LO AD - 2.9. Apply knowledge of contract law to resolve disputes arising between e-commerce entities. LO AD - 2.10. Apply explanations of domestic courts and courts of foreign countries and the European Union to solve practical problems.
PLO 3. To communicate in a foreign language both orally and in writing in professional legal activities.	No. 2	LO AD - 2.6. Describe the approaches to determining the place of the electronic form of information presentation among forms of transactions. LO AD - 2.7. Describe approaches to determining the legal status of an electronic signature in the countries of the Anglo-American and Romano-Germanic legal families. LO AD - 2.8. Explain the approaches to

		understanding the public offer in various legislations. LO AD - 2.10. Apply explanations of domestic courts and courts of foreign countries and the European Union to solve practical problems.
PLO 7. To make informed decisions based on the acquired knowledge of international public, private and EU law and to be aware of their consequences for various subjects of national and international law.	No. 2	LO AD - 2.2. Classify contracts in the field of electronic commerce. LO AD - 2.3. Explain the difference between the concept of "form of presentation of information" and "form of deed". LO AD - 2.5. Explain the features of the offer when concluding contracts in the field of electronic commerce. LO AD - 2.9. Apply knowledge of contract law to resolve disputes arising between e-commerce entities.
PLO 13. To acquire new knowledge throughout life, to raise the level of own qualifications.	No. 2	LO AD - 2.9. Apply knowledge of contract law to resolve disputes arising between e-commerce entities. LO AD - 2.10. Apply explanations of domestic courts and courts of foreign countries and the European Union to solve practical problems.
PLO 15. To characterize different legal systems and mechanisms of their interaction; to know the features of the international regulatory system and the place of International Law (public/private) and European Union Law in it.	No. 2	LO AD - 2.5. Explain the features of the offer when concluding contracts in the field of electronic commerce. LO AD - 2.9. Apply knowledge of contract law to resolve disputes arising between e-commerce entities. LO AD - 2.10. Apply explanations of domestic courts and courts of foreign countries and the European Union to solve practical problems.
PLO 16. To determine the content and legal nature of national normative legal acts, international treaties and other international documents, to identify conflicts between the norms of international treaties, between the norms of an international treaty and acts of national legislation, and propose ways to resolve them.	No. 2	LO AD - 2.7. Describe approaches to determining the legal status of an electronic signature in the countries of the Anglo-American and Romano-Germanic legal families. LO AD - 2.10. Apply explanations of domestic courts and courts of foreign countries and the European Union to solve practical problems.
PLO 17. To carry out research on international legal topics, using primary sources and methods of legal interpretation of complex problems arising from this research, justify the conclusions and present the results of the research.	No. 2	LO AD - 2.7. Describe approaches to determining the legal status of an electronic signature in the countries of the Anglo-American and Romano-Germanic legal families.
PLO 1. To analyze	No. 3	LO AD - 3.1. Define the concepts of "online

<p>multifaceted problems of international and national legal content and propose ways to solve them.</p>		<p>platform" and "transaction platform". LO AD - 3.4. Define the concepts of "digital content" and "digital services". LO AD - 3.6. Define the concepts of "personal data", "big data", "database" and be able to distinguish between them. LO AD - 3.9. Define the concepts of "token", "cryptocurrency" and be able to explain them.</p>
<p>PLO 2. To produce new ideas for solving practical tasks in the field of professional legal activity.</p>	<p>No. 3</p>	<p>LO AD - 3.1. Define the concepts of "online platform" and "transaction platform". LO AD - 3.4. Define the concepts of "digital content" and "digital services". LO AD - 3.6. Define the concepts of "personal data", "big data", "database" and be able to distinguish between them. LO AD - 3.9. Define the concepts of "token", "cryptocurrency" and be able to explain them.</p>
<p>PLO 3. To communicate in a foreign language both orally and in writing in professional legal activities.</p>	<p>No. 3</p>	<p>LO AD - 3.2. Explain the specifics of the relationship between users of online platforms and the operator of the online platform. LO AD - 3.8. To explain the peculiarities of the functioning of blockchain technology as an environment for concluding contracts and carrying out transactions.</p>
<p>PLO 4. To understand the international legal situation, forecast its development, professionally and critically evaluate events and phenomena in the field of international relations and world politics, using legal tools.</p>	<p>No. 3</p>	<p>LO AD - 3.1. Define the concepts of "online platform" and "transaction platform". LO AD - 3.2. Explain the specifics of the relationship between users of online platforms and the operator of the online platform. LO AD - 3.4. Define the concepts of "digital content" and "digital services". LO AD - 3.7. Apply provisions of acts of European secondary legislation when resolving disputes arising in the field of personal data protection. LO AD-3.8. To explain the peculiarities of the functioning of blockchain technology as an environment for concluding contracts and carrying out transactions.</p>
<p>PLO 7. To make informed decisions based on the acquired knowledge of international public, private and EU law and to be aware of their consequences for various subjects of national and international law.</p>	<p>No. 3</p>	<p>LO AD - 3.2. Explain the specifics of the relationship between users of online platforms and the operator of the online platform. LO AD - 3.3. To apply the provisions of acts of European secondary legislation when resolving disputes arising in connection with the use of online platforms. LO AD - 3.7. Apply provisions of acts of European secondary legislation when resolving disputes arising in the field of personal data protection.</p>
<p>PLO 13. To acquire new knowledge throughout life, to raise the level of own qualifications.</p>	<p>No. 3</p>	<p>LO AD - 3.3. To apply the provisions of acts of European secondary legislation when resolving disputes arising in connection with the use of online platforms.</p>

		<p>LO AD - 3.5. Apply the provisions of acts of European secondary legislation when resolving disputes arising from the provision of digital content or digital services.</p> <p>LO AD - 3.8. To explain the peculiarities of the functioning of blockchain technology as an environment for concluding contracts and carrying out transactions.</p> <p>LO AD - 3.9. Define the concepts of "token", "cryptocurrency" and be able to explain them.</p>
<p>PLO 15. To characterize different legal systems and mechanisms of their interaction; to know the features of the international regulatory system and the place of International Law (public/private) and European Union Law in it.</p>	No. 3	<p>LO AD - 3.2. Explain the specifics of the relationship between users of online platforms and the operator of the online platform.</p> <p>LO AD - 3.8. To explain the peculiarities of the functioning of blockchain technology as an environment for concluding contracts and carrying out transactions.</p> <p>LO AD - 3.9. Define the concepts of "token", "cryptocurrency" and be able to explain them.</p>
<p>PLO 16. To determine the content and legal nature of national normative legal acts, international treaties and other international documents, to identify conflicts between the norms of international treaties, between the norms of an international treaty and acts of national legislation, and propose ways to resolve them.</p>	No. 3	<p>LO AD - 3.3. To apply the provisions of acts of European secondary legislation when resolving disputes arising in connection with the use of online platforms.</p> <p>LO AD - 3.5. Apply the provisions of acts of European secondary legislation when resolving disputes arising from the provision of digital content or digital services.</p> <p>LO AD - 3.7. Apply provisions of acts of European secondary legislation when resolving disputes arising in the field of personal data protection.</p>
<p>PLO 17. To carry out research on international legal topics, using primary sources and methods of legal interpretation of complex problems arising from this research, justify the conclusions and present the results of the research.</p>	No. 3	<p>LO AD - 3.5. Apply the provisions of acts of European secondary legislation when resolving disputes arising from the provision of digital content or digital services.</p>
<p>PLO 18. To freely use available information, communication technologies and databases for professional activities.</p>	No. 3	<p>LO AD - 3.1. Define the concepts of "online platform" and "transaction platform".</p> <p>LO AD - 3.2. Explain the specifics of the relationship between users of online platforms and the operator of the online platform.</p> <p>LO AD - 3.4. Define the concepts of "digital content" and "digital services".</p> <p>LO AD - 3.6. Define the concepts of "personal data", "big data", "database" and be able to distinguish between them.</p>

Appendix 3

Matrix of links of study discipline modules, learning outcomes and subject competencies in the study discipline program

Learning outcomes by academic discipline / modules	S C 1	S C 2	S C 3	S C 4	S C 5	S C 6	S C 7	S C 8	S C 9	S C 10	S C 11	S C 12	S C thirteen	S C 14	S C 15	S C 16	S C 17	S C 18	S C 19	S C 20
"Legal aspects of the e-commerce" / Module 1.																				
LO AD 1.1.	x	x													x	x				x
LO AD 1.2.					x		x			x	x	x	x				x	x		
LO AD 1.3.	x	x			x		x		x	x		x	x							x
LO AD 1.4.				x											x	x	x			
LO AD 1.5.			x			x	x			x	x						x	x		
LO AD 1.6.	x	x		x	x		x					x	x							x
LO AD 1.7.			x			x		x	x						x					
LO AD 1.8.															x	x	x			x
"Legal aspects of the e-commerce" / Module 2.																				
LO AD 2.1.															x	x	x			x
LO AD 2.2.						x									x	x	x			x
LO AD 2.3.	x	x														x				
LO AD 2.4.						x									x					
LO AD 2.5.	x	x	x																	
LO AD 2.6.			x			x				x									x	x
LO AD 2.7.				x			x					x	x							x
LO AD 2.8.		x	x			x	x								x	x			x	x
LO AD 2.9.									x						x					
LO AD 2.10				x	x		x			x	x	x	x		x		x	x		
"Legal aspects of the e-commerce" / Module 3.																				
LO AD 3.1.			x												x	x			x	
LO AD 3.2.	x	x		x		x		x	x						x	x				x
LO AD 3.3.			x		x		x			x	x	x	x				x	x		

LO AD 3.4.			x										x	x	x				x	
LO AD 3.5.			x		x		x			x	x	x	x				x	x		
LO AD 3.6.													x	x	x					
LO AD 3.7.			x	x		x	x			x	x	X	X				x	x		x
LO AD 3.8	x	x				x	x							x	x					
LO AD 3.9			x										x							x