

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
Lesya Ukrainka Volyn National University
Faculty of International Relations
Department of International Economic Relations

SYLLABUS
of the optional educational component
«Digital Economy and Society of the EU»
for bachelor study program

Syllabus of the educational component "c"

AUTHOR PhD in economics, associate professor of
Department of International Economic
Relations

Viktoriiia Kukharyk

Approved
Guarantor of the educational-professional program



(Prof. A. Boyar)

Syllabus of educational component was approved at the meeting of the Department of International Economic Relations

Protocol # 6 as of «10» February 2026

Deputy Head Department



Prof. A. Boyar

I. DESCRIPTION OF THE EDUCATIONAL COMPONENT

Titles	Branch of knowledge, Specialty, Education Degree	Nature of the academic subject
Full-time study	C Social Sciences, Journalism, Information and International Relations C1 Economics and International Economic Relations International activities of companies and institutions First (Bachelor's) Level	Normative
Total amount of academic hours / Number of credits 150/5		Year of education: 4
		Semester: 8
Individual scientific research task : +		Lectures: 10 h.
		Seminars: 20 h.
		Independent work: 110 h.
Language of learning	Form of control: Pass/fail test	
		<i>English</i>

II. INFORMATION ABOUT THE LECTURER

Lecturer	<u>Viktoria Kukharyk</u>
Degree	<u>PhD in Economics</u>
Academic status	
Position	<u>associate professor</u>
Contact information	kucharyk.viktoria@vnu.edu.ua 0957885233 http://194.44.187.20/cgi-bin/timetable.cgi
Days of classes	

III. DESCRIPTION OF THE EDUCATIONAL COMPONENT

1. Course annotation

The elective discipline is designed to familiarize students with theoretical foundations of digital transformation of the economy and society of the European Union, strategic priorities of EU digital development, mechanisms of the single digital market functioning, EU regulatory policy in the field of digitalization, as well as practical aspects of implementing digital technologies in various sectors of the economy and public administration of EU member states.

2. Purpose and objectives of the educational component

The main **purpose** of the discipline "Digital Economy and Society of the EU" is to form students' comprehensive understanding of digital transformation processes in the European Union, mastering the conceptual and categorical apparatus of the digital economy, assimilating the principles of functioning of the EU single digital market, understanding regulatory mechanisms and strategic initiatives of the EU in the field of digitalization, as well as forming basic skills in analyzing digital transformations and their impact on economic and social development.

The **objectives** of the discipline are: studying conceptual foundations of the digital economy and EU digital development strategy; familiarization with the architecture and principles of functioning of the single digital market; analysis of the EU regulatory framework in the field of digitalization, including GDPR, Digital Services Act, Digital Markets Act; studying mechanisms for implementing e-government and digital public services; research of digital innovations and EU startup ecosystem; formation of skills in assessing the level of digital development of countries and regions using DESI indices; understanding the challenges and opportunities of digital transformation for Ukraine in the context of European integration.

4. The structure of the educational component.

Content modules and topics	Total	Lect	Sem	Cons	IW.	Control form/ Score
CONTENT MODULE 1. THEORETICAL FOUNDATIONS AND STRATEGY OF EU DIGITAL TRANSFORMATION						
Topic 1. Conceptual foundations of digital economy and society	22	2	2	2	16	DS, DB, E SP/C /6
Topic 2. EU digital development strategy and single digital market	26	2	4	2	18	DS, DB, E SP/C /12
Total content module 1.	48	4	6	4	34	18
CONTENT MODULE 2. PRACTICAL ASPECTS OF EU DIGITAL ECONOMY						
Topic 3. EU digital economy regulatory framework (GDPR, DSA, DMA)	26	2	4	2	18	DS, DB, E SP/C /12
Topic 4. E-government and digital public services in the EU	26	2	4	2	18	DS, DB, E SP/C /12
Topic 5. Digital innovations, artificial intelligence and Industry 4.0	24	2	4	-	18	DS, DB, E SP/C /12
Topic 6. Challenges and prospects of digitalization for Ukraine in the context of European integration	26	-	2	2	22	DS, DB, E SP/C /6 ISW / 40
Total content module 2.	78	6	10	4	58	82
Total scores/ hours	120	10	14	8	88	100

Control methods*: DS – discussion, DB – debates, SP/C – solving problems/cases, ISW – individual student's work, E – essay

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5. Task for independent work

№	Topic	Hours
1.	Conceptual foundations of digital economy and society	16
2.	EU digital development strategy and single digital market	18
3.	EU digital economy regulatory framework (GDPR, DSA, DMA)	18
4.	E-government and digital public services in the EU	18
5.	Digital innovations, artificial intelligence and Industry 4.0	18
6.	Challenges and prospects of digitalization for Ukraine in the context of European integration	22
Total amount of hours		110 год.

IV. EVALUATION POLICY

Instructor's policy regarding students: class attendance is a mandatory component. For objective reasons (for example, illness, employment, internship) learning can take place in online form (Microsoft Teams) under appropriate conditions.

Policy on academic integrity: mandatory compliance with the norms of the Code of Academic Integrity of VNU (<http://surl.li/aagxg>) in the learning process. Cheating during written assignments (including with the use of mobile devices) is prohibited. Mobile devices are allowed to be used only during online testing and preparation of practical tasks during the class.

Policy on deadlines and retakes: assignments submitted with violation of deadlines without valid reasons are graded at a lower grade (75% of the possible maximum number of points for the type of activity). Retaking seminar class topics takes place in case of valid reasons (for example, sick leave). Taking and retaking the pass/fail exam for the course is regulated by the Regulation on Current and Final Assessment of Knowledge of Students of Higher Education of Lesya Ukrainka Volyn National University (dated June 26, 2025) – <https://surl.li/ziekim>

V. EVALUATION SCALE

The scale for evaluating the knowledge of students of educational components, credit (test)

Score	Linguistic assessment
90 – 100	Credited
82 – 89	
75 - 81	
67 -74	
60 - 66	
1 – 59	Uncredited (repassing is necessary)

VI. RECOMMENDED LITERATURE AND INTERNET RESOURCES

Mandatory

1. European Commission. Digital Economy and Society Index (DESI). Luxembourg : Publications Office of the European Union, 2023. URL: <https://digital-strategy.ec.europa.eu/en/policies/desi>
2. European Commission. Shaping Europe’s Digital Future. Luxembourg : Publications Office of the European Union, 2024. URL: <https://digital-strategy.ec.europa.eu/en>