

MINISTRY OF FINANCE OF UKRAINE
STATE TAX UNIVERSITY

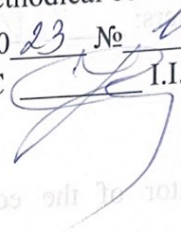
Faculty of tax affairs, accounting and auditing
Department of Economic Policy

Approved

Scientific and methodical council of STU

from 29.08.2023 No. 10

Head of the SMC


I.I. Shemelynets

Academic discipline work program
"Sustainable EU Urban Development"

for the preparation of students of higher education of the second (master's) level

full-time and extramural forms of education

branch of knowledge 05 "Social and behavioral sciences"

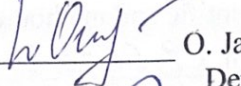

specialty 051 "Economics"

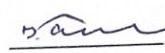
educational program "Economy of the city and region"

Discipline status: selective

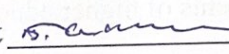
Irpin - 2023

The work program of the discipline "Sustainable EU Urban Development" is based on the educational program "Economics of the City and Region" of the second (master's) level of education, specialty 051 "Economics" approved by the Academic Council of the University on April 26, 2021 No. 5

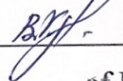
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The working program of the academic discipline was reviewed and approved by the Department of Economic Policy on August 28, 2023 No. 1

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Reviewed and approved by the Academic Council of the Faculty of Taxation, Accounting and Auditing on August 28, 2023 No. 1

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Registration no _____

CONTENT

1 Preface.....	4
2 Description of the educational discipline	6
2.1. Competences and learning outcomes.....	6
2.2. Pre-requisites and post-requisites	7
2.3. The structure of the educational discipline.....	9
3. The program of the educational discipline.....	13
4. Criteria for evaluating the level of educational achievements of students of higher education.....	21
5. Means of diagnosis of learning outcomes.....	23
6. Forms and issues of current and final control.....	24
7. Recommended literature.....	28

1. PREFACE

The educational discipline is formed for the formation of students of the second (master's) level of higher education, knowledge of the modern paradigmatic context of the evolution of world economic science, as well as an understanding of the philosophy of sustainable urban development on a global scale, in particular, in the context of the European integration of Ukraine and the process of internationalization of higher education.

The academic discipline also demonstrates the innovative landscape of European dimensions of sustainable development, emphasizes the strategy of green and smart economies, meets the goals of sustainable development and the main principles of sustainable development policy in Ukraine.

The goal of the educational discipline is for students of higher education to acquire knowledge and skills regarding the theoretical methodological foundations of the study of sustainable urban development and the implementation of sustainable development policy in the practice of ensuring the sustainable development of Ukrainian cities. In particular, this concerns the study of legislative initiatives and legal foundations of EU member states regarding sustainable urban development, activities of European organizations, national and regional legislation of EU member states regarding the introduction of sustainable development goals, which create regulatory and methodological support for EU activities.

The tasks of the academic discipline are:

1. Mastering theoretical approaches to studying the processes of sustainable urban development at different levels, understanding by students of higher education the role of sustainable urban development in the modern world and its importance for overcoming global problems of humanity; study of methodological foundations, principles and goals of sustainable urban development in the EU; research of the basic principles of the formation of a sustainable urban development strategy; study of the features of managing sustainable urban development in conditions of global challenges; study of the main aspects of institutional and financial support for sustainable urban development in the EU; analysis and comparison of key strategies for the sustainable development of EU cities; evaluation of the effectiveness of EU programs and initiatives in the implementation of sustainable urban development policy; analysis of interterritorial cooperation on the implementation of the policy of sustainable urban development in the member states of the European Union; study of problems of financing by European and international donor organizations of municipal projects of sustainable urban development; analysis of current grant initiatives for the sustainable development of cities; analysis of international cooperation of Ukraine and the EU in the field

2. Mastering methodical approaches to the assessment of sustainable development processes, the use of acquired practical knowledge in professional activities by students of higher education, acquisition of skills in the practical use of economic analysis methods; understanding the structure and tasks of the management system of sustainable development of cities.

Methods and forms of education. During the teaching of the academic discipline "Sustainable EU Urban Development" in order to activate the educational and cognitive activities of students, it is envisaged to use both active and interactive educational technologies, including: lectures with elements of discussion, business games, solving problem situations, seminars and practical classes, seminars-discussions, cases.

The main methods of teaching the academic discipline include:

- analysis and interpretation of data, statistical materials regarding indicators and indicators of sustainable development of EU cities;
- use of foreign experience and practical cases of implementation of the policy of sustainable development of EU cities in Ukraine;
- analysis of legislative initiatives and the legal framework of sustainable urban development in the EU.

Forms of organization of classes: lectures, seminars and practical classes, solution of situational and problematic tasks, cases, application of information technologies with elements of distance learning in the Moodle system.

Organization of current and final control of knowledge:

Current control of knowledge is carried out during seminar classes and after the results of two meaningful modules. The final control of knowledge is carried out in the form of a differentiated assessment.

1. DESCRIPTION OF THE EDUCATIONAL DISCIPLINE

Educational program "Economy of the city and region"

Indexes	Characteristics of the academic discipline	
	full-time education	external form of education
Number of ECTS-3 credits		
Modules -2	Year of training:	
Content modules -2	1st	1st
The total number of hours is 90	Semester	
	2nd	2nd
	Lectures	
	16 h.	2 h.
	Seminary	
	14 h.	4 h.
	Laboratory	
	Independent work	
	58 hours	82 hours
	Individual consulting work: 2 hours.	
	Form of final control: differential assessment	

2.1. COMPETENCES AND LEARNING OUTCOMES

Competences	Learning outcomes
<p>Integral competence. The ability to define and solve complex economic tasks and problems, to make appropriate analytical and managerial decisions in the field of economics or in the learning process, which involves conducting research and/or implementing innovations under uncertain conditions and requirements.</p> <p>General competences. Ability to abstract thinking, analysis and synthesis. Ability to motivate people and move towards a common goal. Ability to develop and manage projects.</p> <p>Special (professional) competences The ability to apply scientific, analytical, methodical tools to justify the strategy of development of economic entities and related management decisions. The ability to identify key trends in socio-economic and human development.</p>	<p>Formulate, analyze and synthesize solutions scientific and practical problems. To develop, substantiate and make effective decisions on the development of socio-economic systems and management of subjects of economic activity. Evaluate the results of one's own work, demonstrate leadership skills and the ability to manage personnel and work in a team. Assess possible risks, socio-economic consequences of management decisions. Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the obtained results.</p>

2.2. PRE-REQUISITES AND POST-REQUISITES OF THE STUDY OF THE DISCIPLINE

The study prerequisites and interrelated disciplines are: "Economic theory", "Sustainable economic development of cities (components, structure, drivers of development)", "Economics of the city".

2.3. STRUCTURE OF THE EDUCATIONAL DISCIPLINE "Sustainable EU Urban Development"

Full-time education

No	Content modules	Number of hours				
		Lectures (hours)	Seminar classes (hours)	Ind. work (hours)	SWS (hours)	Total (hours)
MODULE I. Conceptual principles of sustainable urban development in the EU						
CM 1 (Topics No. 1-3) = 1 credit						
T.1	Theoretical and methodological foundations of sustainable urban development	2	2		6	10
T.2	Strategy for sustainable development of cities	2	1		6	9
T.3	Characteristic features of managing sustainable urban development in conditions of global challenges	2	1		8	11
Total by module:		6	4		20	30
Control form: modular control work (testing)						
MODULE II. Institutional and financial support of sustainable urban development in the EU						
CM 2 (Topics No. 4-8) = 2 credit						
T.4	Organization and unification of EU municipal self-government bodies for sustainable development	2	2		6	10
T.5	Interterritorial cooperation on the implementation of the policy of sustainable urban development in the member states of the European Union	2	2		8	12
T.6	Financing of municipal projects of sustainable urban development by European and international donor organizations	2	2		8	12
T.7	Analysis of current grant initiatives for sustainable urban development	2	2		8	12
T.8	Cooperation between Ukraine and the EU in the field of sustainable urban development	2	2	2	8	12
Total by module:		10	10	2	38	60
Control form: modular control work (testing)						
The form of the final control is a differentiated assessment						
Total for training discipline:		16	14	2	58	90

External form of education

No	Content modules	Number of hours				
		Lectures (hours)	Seminar classes (hours)	Ind. work (hours)	SWS (hours)	Total (hours)
MODULE I. Conceptual principles of sustainable urban development in the EU						
CM 1 (Topics No. 1-3) = 1 credit						
T.1	Theoretical and methodological foundations of sustainable urban development	2	2		6	10
T.2	Strategy for sustainable development of cities				9	9
T.3	Characteristic features of managing sustainable urban development in conditions of global challenges				11	11
Total by module:		2	2		26	30
Control form: modular control work (testing)						
MODULE II. Institutional and financial support of sustainable urban development in the EU						
CM 2 (Topics No. 4-8) = 2 credit						
T.4	Organization and unification of EU municipal self-government bodies for sustainable development				10	10
T.5	Interterritorial cooperation on the implementation of the policy of sustainable urban development in the member states of the European Union				12	12
T.6	Financing of municipal projects of sustainable urban development by European and international donor organizations				14	14
T.7	Analysis of current grant initiatives for sustainable urban development			2	12	12
T.8	Cooperation between Ukraine and the EU in the field of sustainable urban development		2		8	12
Total by module:			2	2	56	60
Control form: modular control work (testing)						
The form of the final control is a differentiated assessment						
Total for training discipline:		2	4	2	82	90

RATING PLAN

hours		Topic	Form of occupation and activity (lecture, seminar, practical work, laboratory work, independent work of the acquirer, control measure, final test, individual work)	Learning outcomes	Evaluation weight (number of points)	
Full-time teaching	Correspondence form teaching				Full-time teaching	Correspondence form teaching
		Module 1				

2	2	Topic 1. Theoretical and methodological foundations of sustainable urban development	Lecture	Formulate, analyze and synthesize solutions scientific and practical problems.	0	0
2	2	Topic 1. Theoretical and methodological foundations of sustainable urban development	Seminar	To develop, substantiate and make effective decisions on the development of socio-economic systems and management of subjects of economic activity.	3	7
2	-	Topic 2. Strategy for sustainable development of cities	Lecture	Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the obtained results.	0	0
1	-	Topic 2. Strategy for sustainable development of cities	Seminar	Assess possible risks, socio-economic consequences of management decisions.	3	0
2	-	Topic 3. Characteristic features of managing sustainable urban development in conditions of global challenges	Lecture	Evaluate the results of one's own work, demonstrate leadership skills and the ability to manage personnel and work in a team.	0	0
1	-	Topic 3. Characteristic features of managing sustainable urban development in conditions of global challenges	Seminar	Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the obtained results.	3	0
-	-	T1-3	Intermediate modular control 1		6	10
10	4	Total by module 1			15	17
		Module 2				

2	0	Topic 4. Organization and unification of EU municipal self-government bodies for sustainable development	Lecture	Evaluate the results of one's own work, demonstrate leadership skills and the ability to manage personnel and work in a team.	0	0
2	0	Topic 4. Organization and unification of EU municipal self-government bodies for sustainable development	Seminar	To develop, substantiate and make effective decisions on the development of socio-economic systems and management of subjects of economic activity.	3	0
2	0	Topic 5. Inter-territorial cooperation on the implementation of the policy of sustainable urban development in the member states of the European Union	Lecture	Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the obtained results.	0	0
2	0	Topic 5. Inter-territorial cooperation on the implementation of the policy of sustainable urban development in the member states of the European Union	Seminar	Assess possible risks, socio-economic consequences of management decisions.	3	0
2	0	Topic 6. Financing of municipal projects of sustainable urban development by European and international donor organizations	Lecture	Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the obtained results.	0	0
2	0	Topic 6. Financing of municipal projects of sustainable urban development by European and international donor organizations	Seminar	Formulate, analyze and synthesize solutions scientific and practical problems.	3	0
2	0	Topic 7. Analysis of current grant initiatives for the sustainable development of cities	Lecture	To develop, substantiate and make effective decisions on the development of socio-economic systems and management of subjects of economic activity.	0	0
2	0	Topic 7. Analysis of current grant initiatives for the sustainable development of cities	Seminar	Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the obtained results.	3	0
0	0	Topic 8. Cooperation between Ukraine and the EU in the field of sustainable urban development	Lecture	Assess possible risks, socio-economic consequences of management decisions.	0	0
2	2	Topic 8. Cooperation between Ukraine and	Seminar	Apply the acquired theoretical knowledge to	3	7

		the EU in the field of sustainable urban development		solve practical problems and meaningfully interpret the obtained results.		
2	2	Individual consulting work	Topic 7.		9	11
		T4-8	Intermediate modular control 1		6	10
16		Total by module 2			30	28
	Total of Modules				45	45
	Final modular control (for disciplines whose form of final control is differential credit)				50	50
	Computer testing on the MOODLE distance learning platform				5	5
	Total of the course				100	100

3. PROGRAM OF EDUCATIONAL DISCIPLINE

Content module 1. Conceptual principles of sustainable urban development of the EU

Topic 1. Theoretical and methodological foundations of sustainable urban development

The plan of the lecture class

1. The essence and definition of sustainable urban development.
1. Concepts of city, region, territory, space and their classification.
2. Characteristics of sustainable development of the city.
3. Understanding and importance of sustainable urban development in the context of global challenges.

The plan of the seminar

1. Concept and content of sustainable urban development.
2. Classification and analysis of scientific approaches to defining the category "city", "region", "territory", "space".
3. The main features of sustainable urban development.
4. The role of sustainable urban development at the current stage of EU development.

Independent work of students of higher education

1. Characteristics of the regional and local level of sustainable development.
2. Effective implementation of sustainable urban development goals.

Questions for self-control

1. The history of the origin of the idea of sustainable urban development.
2. What are the main values and principles of sustainable urban development and what is their legal meaning.
3. Analyze the main principles and objectives of EU policy on sustainable urban development.
4. Describe the components of sustainable urban development policy.
5. Modern paradigm of sustainable development of European Union cities.

Recommended Books:

Main: [1-4]

Additional: [1, 2, 4, 12-14]

Internet information resources: [1-9]

International publications: [1-6]

Topic 2. Strategy for sustainable development of cities

The plan of the lecture class

1. Scientific and methodological principles of the formation of a strategy of sustainable urban development.
2. Basic principles of sustainable development of cities.
3. Factors determining sustainable urban development.
4. Ideas of the "smart city" concept as a component of the strategy of sustainable urban development.
5. Analysis of sustainable development strategies of EU member states (Poland, Germany, Sweden and others).

The plan of the seminar

1. Features of the formation of a strategy for sustainable development of cities.
2. Main aim of Sustainable urban development
3. Principles of Sustainable urban development
4. The essence and role of the "smart city" concept for sustainable urban development.
5. Describe the factors influencing the sustainable development of cities in EU member states.

Independent work of students of higher education

1. Ideas of the concept of green economy in the formation of the strategy of sustainable development of the city.
2. Legal basis for adoption of the strategy of sustainable development of cities in the European Union.

Questions for self-control

1. The main approaches to the strategy of sustainable urban development.
2. Regulatory and legal framework for the formation of a sustainable development strategy for the EU cities.
3. Principles and influencing factors contained in the city's sustainable development strategy.
4. What are the environmental problems facing the EU, and how can the strategy of sustainable development help EU cities to solve them?

5. Who in the EU is responsible for the issue of sustainable development at the municipal and regional levels?

6. Components and features of the "smart city" concept.

Recommended Books:

Main: [1-4]

Additional: [2-4, 11-13]

Internet information resources: [1-9]

International publications: [1-6]

Topic 3. Characteristic features of managing sustainable urban development in conditions of global challenges

The plan of the lecture class

1. Regional prerequisites that have a direct impact on the sustainable development of the city.
2. Integrated assessment of sustainable development of the city: main indicators and indicators.
3. Organizational and economic principles of improving the mechanism of city management in the conditions of European integration and implementation of the decentralization reform in Ukraine.
4. Impact of global human problems on sustainable urban development.

The plan of the seminar

1. Institutional and economic prerequisites for sustainable development of cities.
2. Regional environmental and social prerequisites for sustainable development of cities.
3. Name the main components of management of sustainable development of EU cities.
4. Indicators and indicators of sustainable development of cities.
5. Directions for increasing the efficiency of strategic management of sustainable urban development in the face of global challenges.

Independent work of students of higher education

1. Europe 2020 Strategy: "Strategy for smart, sustainable and inclusive growth".
2. Legal basis for sustainable and effective city management.

A question of self-control

1. Characterize the regional prerequisites that contribute to sustainable urban development.
2. Main features of sustainable urban development management.
3. Analysis of the main indicators and indices for sustainable urban development.
4. What are the main methods and tools used for effective sustainable development of cities?
5. How do global challenges affect the development of the management system for sustainable urban development?

Recommended Books:

Main: [1-4]

Additional: [3-5, 9, 10]

Internet information resources: [1-9]

International publications: [1-6]

Content module 2. Institutional and financial support of sustainable urban development in the EU

Topic 4. Organization and unification of EU municipal self-government bodies for sustainable development

The plan of the lecture class

1. Theories and models of municipal self-government.
2. The role, functions and organizational structure of the Congress of local and regional authorities of the EU.
3. The main tasks of the International Union of Local Authorities.
4. Council of European municipalities and regions: tasks, functions and areas of activity.

The plan of the seminar

1. Generally recognized theories of local government organization: their essence and significance.
2. Model of local self-government.
3. Consultative and representative bodies affecting sustainable urban development: its detailed description.
4. Initiative organizations and international associations of local self-government bodies: its role in ensuring sustainable urban development.

Independent work of students of higher education

1. Powers and influence of the Council of Europe on sustainable urban development.
2. The main challenges and opportunities in the activities of municipal self-government bodies for sustainable urban development of EU member states.

Questions for self-control

1. What is the essence of the theory of natural rights of the community?
2. What is the justification of the economic theory of local self-government?
3. What are the main ideas of the state theory of local self-government?
4. What is municipal socialism?
5. Common features and differences of local self-government models?
6. What is the Congress of Local and Regional Authorities of Europe?
7. What are the international associations of local self-government bodies?

Recommended Books:

Main: [1-4]

Additional: [4-6, 10, 11]

Internet information resources: [1-9]

International publications: [1-6]

Topic 5. Interterritorial cooperation on the implementation of the policy of sustainable urban development in the member states of the European Union

The plan of the lecture class

1. Forms, subjects and functions of institutions of interterritorial cooperation in the EU.
2. EU financial assistance programs and initiatives to promote the development of interterritorial cooperation.
3. Analysis of organizational and legal provision of international cooperation of cities and regions in the context of sustainable development.

The plan of the seminar

1. The essence and goals of interterritorial cooperation.
2. Main forms of international cooperation of EU cities and regions.
3. European neighborhood policy: modern characteristics and tools.
4. Funding programs and local initiatives promoting sustainable urban development.
5. Analyze the organizational and legal provision of international cooperation of cities and regions of the European Union.

Independent work of students of higher education

1. Characteristics and directions of the INTERREG program.
2. Modern architecture of interterritorial cooperation in the member states of the European Union.

Questions for self-control

1. Definition and features of interterritorial cooperation of local authorities.
2. Name basic forms and principles of interterritorial cooperation in the field of sustainable development.
3. Activities of subjects of interterritorial cooperation of local authorities.
4. European neighborhood policy: modern characteristics.
5. Funding programs and local initiatives promoting sustainable urban development.
6. Describe the European legislation that is directly related to interterritorial cooperation of local authorities.

Recommended Books:

Main: [1-4]

Additional: [7-9, 11, 12]

Internet information resources: [1-9]

International publications: [1-6]

Topic 6. Financing of municipal projects of sustainable urban development by European and international donor organizations

The plan of the lecture class

1. Programs for financing municipal development projects on the basis of co-financing with local self-government bodies.
2. The role of UNDP and other organizations in providing financing for sustainable urban development projects.
3. Peculiarities of the application of public-private partnership at the local level for financing local development projects.

The plan of the seminar

1. Mechanisms for attracting international extrabudgetary funds for financing urban development projects.

2. International programs and grant initiatives for financing municipal projects.

3. The main areas of activity and initiatives of UNDP.

4. Advantages and disadvantages of the use of public-private partnership in the member states of the European Union.

5. Modern features of the interaction of government and business for the financing of municipal projects of sustainable development.

Independent work of students of higher education

1. Current opportunities for the development of cities and obtaining additional financial resources in the face of global challenges.

A question of self-control

1. Classification of international and European donor organizations that provide funding to development projects with whom.

2. Non-budgetary sources of financing sustainable urban development.

3. Types of international programs that support sustainable development.

4. Modern trends in obtaining grant funds for development projects in cities.

5. The essence and main characteristics of public-private partnership.

Recommended Books:

Main: [1-4]

Additional: [5, 9, 10]

Internet information resources: [1-9]

International publications: [1-6]

Topic 7. Analysis of current grant initiatives for the sustainable development of cities

The plan of the lecture class

1. The essence and structure of grant applications.

2. Peculiarities of receiving international grants for sustainable urban development.

3. Open grant proposals for sustainable urban development.

The plan of the seminar

1. The essence and definition of the concept of "grant", "development project".
2. Structure of the grant application.
3. The main mistakes in writing and implementing the grant.
4. Modern features and advantages of receiving a grant by local self-government bodies.

Independent work of students of higher education

1. Mechanism of development and planning of municipal development projects.
2. Infrastructural grant projects for the sustainable development of the city.

Individual consulting work

1. Classification of grant proposals for sustainable urban development.

A question of self-control

1. What is the essence and principles of grant project?
2. What role is in attraction of grants for ensuring sustainable development?
3. What is the development and planning of the grant project?
4. What are the tools for writing successful grant applications?
5. What are the current grant proposals for sustainable urban development?
6. What modern trends in the implementation of grant projects exist today?

Recommended Books:

Main: [1-4]

Additional : [5-7, 11, 14]

Internet information resources: [1-9]

International publications: [1-6]

Topic 8. Cooperation between Ukraine and the EU in the field of sustainable urban development

The plan of the lecture class

1. Prerequisites for cooperation between Ukraine and the European Union in the field of sustainable urban development
2. The main challenges for Ukraine on the way to sustainable urban development in the conditions of European integration
3. Institutional-legal and institutional-organizational provision of sustainable development of cities.

The plan of the seminar

1. Prerequisites for cooperation between Ukraine and the European Union in the field of sustainable urban development
2. The main problems and prospects of cooperation between Ukraine and the EU in the field of sustainable urban development.
3. The legal basis for ensuring the sustainable development of cities.
4. Institutional and organizational aspect of ensuring sustainable development of cities.

Independent work of students of higher education

1. Problems of energy efficiency of the Ukrainian economy in the context of sustainable development.
2. The main goals and priorities of the "Ukraine - 2020" strategy.

Recommended Books:

Main: [1-4]

Additional: [7-10, 13]

Internet information resources: [1-9]

International publications: [1-6]

4. CRITERIA FOR EVALUATING THE LEVEL OF EDUCATIONAL ACHIEVEMENTS OF HIGHER EDUCATION ACQUIRES

The general distribution of points that a student of higher education can receive within the 100-point evaluation system is presented in the following tables.

Table 4.1

Distribution of points for the seminar session

Evaluation criteria	Number of points full-time/part-time
The work of the applicant who answered all questions in full is evaluated. At the same time, he used relevant scientific terminology, as appropriate justified his opinions and made generalized conclusions.	3/7-6
The work of the applicant who mainly revealed the content of theoretical questions is evaluated. However, when covering some issues, there was a lack of sufficient argumentation, some insignificant inaccuracies and minor mistakes were made.	2/5-3
The work of the applicant who gave fragmentary answers to theoretical questions (without argumentation and justification, summaries) is evaluated, in the answers there are	1/1-2

inaccuracies and errors or the answer is given only to certain questions.	
The work of a student of higher education who gave the wrong answer to all theoretical questions, made significant mistakes, operated on irrelevant outdated no information or answers to questions at all.	0

The general distribution of points that a student of higher education can receive within the 100-point evaluation system must include mandatory computer testing on the STU MOODLE platform (maximum 5 points).

Performance of independent work, as a rule, is evaluated during a contact class in the form of a survey, including questions that are submitted for independent work.

The form of intermediate current control is control work, which is carried out in writing.

Table 4.2

Distribution of points for different types of tasks within the control work

Task type	The maximum number of points per performance full-time form/part-time form
Theoretical questions	3/5
Test block	3/5
In total	6/10

Criteria for evaluating individual work

Individual work is carried out in the form of a project (presentation).

Table 4.3

The scale of evaluation of the individual work of the applicants

Scores full-time form/part-time form	Evaluation criteria
9/11	Consistency, logic in the preparation of the presentation and, accordingly, protection, selection from various sources of the main provisions, which are structurally combined, analyzed and summarized by conclusions.
5-8/4-10	Consistency, logic of presentation preparation.
0/0	No presentation was made.

The final assessment of the knowledge of higher education applicants is carried out based on the results of the current control (from 0 to 100 points) and the exam (from 0 to 50 points).

The criterion for successful completion of the final assessment by the student is obtaining at least 25 points for the current control and 25 points for the final control in the form of an exam.

The transfer of data from the 100-point rating scale into the national scale and the scale according to the ECTS system is carried out in the following order (Table 4.4):

Table 4.4

Correspondence of the final rating assessment in points to the assessment on the national scale and the ECTS scale

Sum of points for 100-ballroom scale	Assessment in ECTS	The value of ECTS assessment	Evaluation on a national scale	
			Exam, coursework, practice	Test
90-100	A	perfectly	perfectly	counted
80-89	B	very good	fine	
70-79	C	fine		
60-69	D	satisfactorily	satisfactorily	
50-59	E	enough		
35-49	FX	unsatisfactory with the possibility of a repeat drafting	unsatisfactorily	not counted
0-34	F	unsatisfactory with mandatory repeat studying the course		

The results of exams and differentiated assessments are evaluated and entered into the higher education applicant's record of success, score book, individual study plan of the higher education applicant (except "unsatisfactory" and "failed").

5. DIAGNOSTIC TOOLS OF LEARNING RESULTS

- differential settlement;
- tests;
- computer testing on the STU MOODLE platform;
- team projects;
- analytical reports, abstracts, essays;
- presentations of the results of completed tasks and research;
- student presentations and performances at scientific events.

6. FORMS AND ISSUES OF CURRENT AND FINAL CONTROL

Forms of current control are: oral and written survey at seminar classes. Applicants studying the course perform 2 control papers that reflect the student's assimilation of theoretical and practical material from the academic discipline. At the end of the course, a summary of the scored points is summarized and a grade is issued.

The list of questions for the current control of module 1:

1. Concept and content of sustainable urban development.
2. Classification and analysis of scientific approaches to defining the category "city", "region", "territory", "space".
3. The main features of sustainable urban development.
4. The role of sustainable urban development at the current stage of EU development.
5. Features of the formation of a strategy for sustainable development of cities.
6. What is the main goal of the strategy of sustainable development of cities?
7. What principles underlie the strategy of sustainable urban development?
4. The essence and role of the "smart city" concept for sustainable urban development.
5. Describe the factors influencing the sustainable development of cities in EU member states.
8. Institutional and economic prerequisites for sustainable development of cities.
9. Regional environmental and social prerequisites for sustainable development of cities.
10. Name the main components of management of sustainable development of EU cities.
11. Indicators of sustainable development of cities.
12. Directions for increasing the efficiency of strategic management of sustainable urban development in the face of global challenges.
13. Generally recognized theories of local government organization: their essence and significance.
14. Models of local self-government.
15. Consultative and representative bodies affecting sustainable urban development: its detailed description.
16. Initiative organizations and international associations of local self-government bodies: its role in ensuring sustainable urban development.
17. The essence and goals of interterritorial cooperation.
18. Main forms of international cooperation of EU cities and regions.
19. European neighborhood policy: modern characteristics and tools.
20. Funding programs and local initiatives promoting sustainable urban development.

The list of questions for the current control of module 2:

1. Analyze the organizational and legal provision of international cooperation of cities and regions of the European Union.
2. Mechanisms for attracting international extrabudgetary funds for financing urban development projects.
3. International programs and grant initiatives for financing municipal projects.
4. The main areas of activity and initiatives of UNDP.
5. Advantages and disadvantages of the use of public-private partnership in the member states of the European Union.
6. Modern features of the interaction of government and business for the financing of municipal projects of sustainable development.
7. The essence and definition of the concept of "grant", "development project".
8. Structure of the grant application.
9. The main mistakes in writing and implementing the grant project .
10. Classification of grant proposals for sustainable urban development.
11. Modern features and advantages of receiving a grant by local self-government bodies.
12. The mechanism of development and planning of the municipal development project.
13. Infrastructural grant projects for the sustainable development of the city.
14. Actual opportunities for the development of cities and obtaining additional financial resources in the face of global challenges.
15. Characteristics and directions of the INTERREG program.
16. Modern architecture of interterritorial cooperation in the member states of the European Union.
17. Tools for ensuring the implementation of goal N11 - Sustainable development of cities and communities.
18. The Leipzig Charter of a Sustainable European City
19. Monitoring and evaluation of sustainable development policy of EU cities and regions
20. What factors and elements of infrastructure affect the sustainable development of cities?
21. What are the most successful sustainable development policies and programs in the European Union, and what are its results and impact?
22. What are the main initiatives and programs of the EU aimed at global sustainable development?
23. Role and influence of the Council of Europe on sustainable urban development.
24. The main challenges and opportunities in the activities of municipal self-government bodies for sustainable urban development of EU member states.
25. Europe 2020 Strategy: "Strategy for smart, sustainable and inclusive growth".

26. Legal basis for sustainable and effective city management.
27. Ideas of the concept of green economy in the formation of the strategy of sustainable development of the city.
28. Legal basis for adoption of the strategy of sustainable development of cities in the European Union.
29. Characteristics of the regional and local level of sustainable development.
30. Ensuring the effective implementation of the goals of sustainable urban development.

List of questions for the final control

1. Concept and content of sustainable urban development.
2. Classification and analysis of scientific approaches to defining the category "city", "region", "territory", "space".
3. The main features of sustainable urban development.
4. The role of sustainable urban development at the current stage of EU development.
5. Features of the formation of a strategy for sustainable development of cities.
6. What is the main goal of the strategy of sustainable development of cities?
7. What principles underlie the strategy of sustainable urban development?
4. The essence and role of the "smart city" concept for sustainable urban development.
5. Describe the factors influencing the sustainable development of cities in EU member states.
8. Institutional and economic prerequisites for sustainable development of cities.
9. Regional environmental and social prerequisites for sustainable development of cities.
10. Name the main components of management of sustainable development of EU cities.
11. Indicators of sustainable development of cities.
12. Directions for increasing the efficiency of strategic management of sustainable urban development in the face of global challenges.
13. Generally recognized theories of local government organization: their essence and significance.
14. Models of local self-government.
15. Consultative and representative bodies affecting sustainable urban development: its detailed description.
16. Initiative organizations and international associations of local self-government bodies: its role in ensuring sustainable urban development.
17. The essence and goals of interterritorial cooperation.
18. Main forms of international cooperation of EU cities and regions.

19. European neighborhood policy: modern characteristics and tools.
20. Funding programs and local initiatives promoting sustainable urban development.
21. Analyze the organizational and legal provision of international cooperation of cities and regions of the European Union.
22. Mechanisms for attracting international extrabudgetary funds for financing urban development projects.
23. International programs and grant initiatives for financing municipal projects.
24. The main areas of activity and initiatives of UNDP.
25. Advantages and disadvantages of the use of public-private partnership in the member states of the European Union.
26. Modern features of the interaction of government and business for the financing of municipal projects of sustainable development.
27. The essence and definition of the concept of "grant", "development project".
28. Structure of the grant application.
29. The main mistakes in the writing and implementing the grant.
30. Classification of grant proposals for sustainable urban development.
31. Modern features and advantages of receiving a grant by local self-government bodies.
32. The mechanism of development and planning of the municipal development project.
33. Infrastructural grant projects for the sustainable development of the city.
34. Actual opportunities for the development of cities and obtaining additional financial resources in the face of global challenges.
35. Characteristics and directions of the INTERREG program.
36. Modern architecture of interterritorial cooperation in the member states of the European Union.
37. Tools for ensuring the implementation of goal N11 - Sustainable development of cities and communities.
38. The Leipzig Charter of a Sustainable European City
39. Monitoring and evaluation of sustainable development policy of EU cities and regions
40. What factors and elements of infrastructure affect the sustainable development of cities?
41. What are the most successful sustainable development policies and programs in the European Union, and what are their results and impact?
42. What are the main initiatives and programs of the EU aimed at global sustainable development and achieving goals
43. Power and influence of the Council of Europe on sustainable urban development.
44. 2. The main challenges and opportunities in the activities of municipal self-government bodies for sustainable urban development of EU member states.
45. Europe 2020 Strategy: "Strategy for smart, sustainable and inclusive growth".

46. Legal basis for sustainable and effective city management.
47. Ideas of the concept of green economy in the formation of the strategy of sustainable development of the city.
48. Legal basis for adoption of the strategy of sustainable development of cities in the European Union.
49. Characteristics of the regional and local level of sustainable development.
50. Ensuring the effective implementation of the goals of sustainable urban development.

7. RECOMMENDED LITERATURE

7.1. Main:

1. European regional policy: textbook Edited by A. Krysovaty and I. Lishchynsky Ternopil: VOC "Economic Opinion of ZUNU", 2020. 236 p.
2. The European Green Course and the climate policy of Ukraine: analyst. add. / [WITH. P. Ivanyuta, L. M. Yakushenko] ; in general ed. A. Yu. Smenkovskyi. - Kyiv: NISD, 2022. 95 p
3. Kolomiets L.V. Strategy of sustainable development: Education. Manual. Kropyvnytskyi: 2019. 126 p.
4. Middelaar L. New politics of Europe. Ten years of political crises. Kyiv: Spirit and Letter, 2021. 408 p.

7.2. Additional:

1. Bila S.O., Syroman D.A. The European Union: the foundations of sustainable development. Scientific Bulletin of the Diplomatic Academy of Ukraine. 2015. Issue 22(3). P. 114-121. URL:[http://nbuv.gov.ua/UJRN/Nvdau_2015_22\(3\)__14](http://nbuv.gov.ua/UJRN/Nvdau_2015_22(3)__14)
2. Buryak E.V., Redko K.Yu., Chornovol A.O, Orlenko O.V. Socio-economic aspects of sustainable development of Ukraine in the conditions of war (European integration aspects). Scientific notes of the Lviv University of Business and Law. URL: <https://nzlubp.org.ua/index.php/journal/article/view/617/568>
3. Eight ideas for green cities of Ukraine / author. col.: S. Romanko, N. Andrusevich. - Kyiv: 350.org, 2020. - 56 p.
4. European Union: education. manual / [A. O. Boyar (head of author's group), N. P. Karpchuk, N. I. Romaniuk, etc.] ; under the editorship A. O. Boyar, S. V. Fedonyuk. Kyiv: FOP Maslakov, 2020. 600 p.
5. Report on the implementation of the association agreement between Ukraine and the European Union for 2022 URL:https://eu-ua.kmu.gov.ua/sites/default/files/inline/files/zvit_pro_vykonannya_ugody_pro_asociaciyu_za_2022_rik.pdf

6. Kuybida V. S., Fedulova L. I. New EU regional policy: lessons for Ukraine: analyst. zap Kyiv: NADU, 2019. 24 p
7. Malska M. P., Antonyuk N. V. Fundamentals of European integration: a textbook. Kyiv: Center for Educational Literature, 2020. 320 p.
8. Assessment of Ukraine's integration into the European economic space: a collective monograph / by General ed. Doctor of Economics, Prof. O.O. Borzenko; National Academy of Sciences of Ukraine, State University "Institute of Economics and Forecasting of the National Academy of Sciences of Ukraine". Electron. data. K., 2021. 493p
9. Prokopchuk O.A., Kovalchuk O.D., Usyuk T.V. European cohesion policy: conceptual foundations, imperatives for Ukraine. Economy and society. 2021. Issue 26. S.
10. The process of Ukraine's accession to the EU in the context of regional and local development. 2023. URL:<https://u-lead.org.ua/storage/admin/files/c63b0eb665fdf3266d87a52bf3de8ec9.pdf>
11. Regional policy of the European Union: a textbook / [ed. Viktor Chuzhikov]. K.: KNEU, 2016. 495.
12. Territorial communities in conditions of decentralization: risks and mechanisms of development: monograph / edited by Kravtsiva V. S., Storonyanska I. Z. Lviv: State University "Institute of Regional Studies named after M. I. Dolishnyi National Academy of Sciences of Ukraine, 2020. 531 p.
13. Circular economy. action plan. URL:https://www.undp.org/sites/g/files/zskgke326/files/2022-08/2%20FINAL_Tree_Circular_economy_action_plan_297x210mm_4%2B4_web_180822.pdf(date of application: 21.08.2023)
14. How the European Union works: a guide to the EU institutions. Kyiv: KPF "A-Screen", 2006. 52 p. URL: <https://op.europa.eu/en/publication-detail/-/publication/1bd010fc-0643-4a3c-9449-31ceb8ac13e2/language-en> (access date: 21.08.2023)

7.4. Internet information resources:

1. European Commission on Development Prospects: Europe 2020. URL:http://ec.europa.eu/europe2020/tools/monitoring/annual_growth_survey_2011/index_en.htm
2. The European approach to the implementation of the Sustainable Development Goals: best practices and further actions. European Parliament, February 2019. URL: <https://www.europarl.europa.eu/cmsdata/160360/DEVE%20study%20on%20EU%20SDG%20implementation%20formatted.pdf>

3. Department of Economic and Social Affairs. URL:<https://sdgs.un.org/goals>
4. Economic, social and territorial cohesion. URL:<https://www.europarl.europa.eu/factsheets/en/sheet/93/economic-social-and-territorial-cohesion>
5. European Regional Development Fund. URL:https://ec.europa.eu/regional_policy/en/funding/erdf/
6. Eurostat. URL:<https://ec.europa.eu/eurostat/web/main/home>
7. ISO 37120:2014(en) Sustainable development of communities - Indicators of urban services and quality of life. URL:<https://www.iso.org/obp/ui/#iso:std:iso:37120:ed-1:v1:en>
8. Regions in Europe – 2022 interactive edition. URL:[https://ec.europa.eu/eurostat/web/products-interactive-publications/-/ks-09-22-376\(application date 07/20/2023\)](https://ec.europa.eu/eurostat/web/products-interactive-publications/-/ks-09-22-376(application%20date%2007/20/2023))
9. The Five Principles of Green Economy, Green Economy Coalition. URL:<https://www.greeneconomycoalition.org/news-and-resources/the-5-principles-of-green-economy>

7.3. International editions:

1. Communication from the Commission to the European Parliament, The Council, The European Economic and Social Committee and The Committee of The Regions. Sustainable and Smart Mobility Strategy — putting European transport on track for the future. COM/2020/789 final. EUR-Lex. URL:<https://bit.ly/3SyCSrJ>.
2. Galamay R. Development Of The Tax System In The Context Of Strengthening The Financial Capacity Of Local Self-government: Problems And Ways Of Solution. Norwegian Journal of development of the International Science, No. 43, 2020, pp. 3-6.
3. Haas T., Sander H. Decarbonizing Transport in the European Union: Emission Performance Standards and the Perspectives for a European Green Deal. Sustainability. 2020. Vol. 12, 8381. <https://doi.org/10.3390/su12208381>.
4. Liu E., Martin C. and Easthope H. (2019), Poor-quality housing and low-income households: Review of evidence and options for reform, URL:www.sheltersnsw.org.au/uploads/1/2/1/3/121320015/poor_quality_housing_report_2019.pdf
5. Noussan M., Hafner M., Tagliapietra S. Policies to Decarbonize the Transport Sector. The Future of Transport Between Digitalization and Decarbonization. SpringerBriefs in Energy. Springer, Cham, 2020. Pp. 71-112. URL:https://doi.org/10.1007/978-3-030-37966-7_4.
6. Pape M. Briefing. EU policies — Delivering for citizens. Transport policy. 2020. European Parliament. URL:<https://bit.ly/3JRnuTL>.