

**NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES  
OF UKRAINE**

**Department of Economic Theory**

**“CONFIRMED”**

Faculty of Agricultural Management

“05” June 2025

**CURRICULUM OF ACADEMIC DISCIPLINE  
ECONOMICS**

Field of Study	D “Business, Administration and Law”
Specialty	D3 Management
Academic program	Management
Faculty	Agricultural Management
Lecturer:	<b>Yurii VLASENKO</b> , PhD in Economics, Associate Professor <b>Inna GUSHCHA</b> , PhD in Economics, Associate Professor

**Kyiv – 2025**

### Description of the academic discipline

The academic discipline "Economics" is a fundamental economic science that allows us to reveal the mechanism of the functioning of the economic system and the laws of its development, the activities of economic entities aimed at effective management in conditions of limited resources in order to meet the unlimited needs of people and society as a whole. Economics reveals and forms economic categories, concepts and laws, principles of management in all spheres and industries, enriches people's knowledge and expands their scientific outlook and increases the intellectual potential of society, helps in the scientific prediction of the economic development of society. It covers microeconomic and macroeconomic analysis, studies the behavior of economic entities in market conditions, decision-making mechanisms, as well as the patterns of production, distribution, exchange and consumption.

The task of the disciplines is the formation of a market-oriented economic worldview of a participant in social production capable of analyzing the general the state and structure of the economy at different levels, provide universal toolkit for the analysis of economic phenomena and processes at the micro and macro levels. The discipline is mandatory for bachelors of economic specialties and contributes to the achievement of personal goals, the development of abilities, becoming more successful and competent in areas of life with the use of modern technologies, rapid adaptation to the development of society, acquiring skills in teamwork, developing optimal solutions under conditions of resource constraints, and the formation of professional competencies for effective management in modern conditions. This course is especially relevant for students of the specialty D3 "Management", as it forms in future specialists a methodological basis for micro- and macroeconomic analysis of the behavior of economic system entities through the application of appropriate economic and mathematical methods and models for solving economic problems at different levels, understanding the principles, methods and tools of state and market regulation.

During the training, e-mail, Viber messenger, Telegram groups, MS Word text editor, Excel spreadsheet editor, Power Point presentation editor are used for the effective organization of the educational process and communication.

Academic degree, specialty, academic programme		
Academic degree	Bachelor's	
Specialty	D3 Management	
Academic programme	Management	
Characteristics of the discipline		
Type	Compulsory	
Total number of hours	300	
Number of ECTS credits	10	
Number of modules	6	
Course project (work) (if any)	-	
Form of assessment	Credit, Exam	
Indicators of the discipline for full-time and part-time forms of university study		
	Full-time	Part-time
Year of study	1	
Semester	1,2	
Lecture	90 hours	-
Practical classes and seminars	90 hours	-
Laboratory classes	-	-
Self-study	120 hours	-
Quantity of hours per week for full-time students	4 hours	-

## 1. Purpose, competencies and program outcomes of the academic discipline

**The purpose of the discipline "Economics"** is to forming a system of knowledge in macro- and microeconomics that would meet the conditions for the development of the economy of Ukraine: revealing the essence of the market mechanism, forming the skills necessary for the analysis of real economic processes; studying the patterns of behavior of households and micro-level business structures; revealing the mechanism of the functioning of the national economy based on macroeconomic theories, concepts, models, substantiated by world and domestic science and tested in practice; the mechanism of income distribution between economic entities in a market economy; making informed decisions on economic problems; revealing the essence and studying the cyclicity of economic development, unemployment, inflation, the tools of market and state regulation of the economy and its impact on economic development.

### Acquisition of competencies

**Integral competence (IC):** The ability to solve complex specialized problems and practical problems that are characterized by complexity and uncertainty of conditions, in the field of management or in the process training involving the application of theories and methods social and behavioral sciences.

**General competences (GC):**

GC 3. Ability to think abstractly, analyze, synthesize.

GC 10. Ability to conduct research at the appropriate level.

GC 14. Ability to work in an international context.

**Special (professional) competences (SC):**

SC 1. Ability to identify and describe the characteristics of an organization.

SC 6. Ability to act socially responsible and conscious.

SC 12. Ability to analyze and structure organizational problems, form sound decisions.

SC 16. Ability to identify and analyze new market opportunities, including the international business environment, formulate new ideas, develop projects and organize business process management.

**Expected Learning Outcomes (ELO):**

ELO 5. Describe the content of the functional areas of the organization's activities.

ELO 6. Demonstrate the skills of searching, collecting and analyzing information, calculating indicators to substantiate management decisions.

ELO 15. Demonstrate the ability to act socially responsible and socially conscious based on ethical considerations (motives), respect for diversity and interculturality.

ELO 17. Perform research individually and/or in a group under the guidance of a leader.

ELO 18. Demonstrate the ability to identify prospects for the development of the enterprise, develop projects, organize business process management based on the analysis of market opportunities and the international business environment

## 2. Program and structure of the academic discipline

Names of content modules and topics	Number of hours								
	Full-time					Part-time			
	weeks	total	including			total	including		
			l	p	ind		l	p	ind
Part I. Economics: Fundamentals of Economic Theory									
Module 1. General principles of economic development of society									
Topic 1. Subject and method of development of economic theory	1	4	2	2	20				
Topic 2. Economic needs and interests of society	2	4	2	2					
Topic 3. Economic system of society and property relations	3	4	2	2					

Topic 4. Forms of organization of social production. Efficiency of production	4	4	2	2					
Topic 5. Theory of money and monetary	5	4	2	2					
Topic 6. Market and mechanism of its functioning	6-7	8	4	4					
Topic 7. Market infrastructure	8	4	2	2					
<b>Total by module 1</b>	-	<b>32</b>	<b>16</b>	<b>16</b>					
<b>Module 2. Features of the functioning of a market economy</b>									
Topic 8. Entrepreneurship and entrepreneurship in a market economy	9	4	2	2	20				
Topic 9. Production costs and profit	10	4	2	2					
Topic 10. Income of the population, their sources and distribution	11	4	2	2					
Topic 11. Macroeconomic problems of economic theory	12	4	2	2					
Topic 12. The economic role of the state in a market economy	13	4	2	2					
Topic 13. Financial system	14	4	2	2					
Topic 14. The essence and patterns of development of the world economy	15	4	2	2					
<b>Total by module 2</b>		<b>28</b>	<b>14</b>	<b>14</b>					
<b>Total</b>		<b>100</b>	<b>30</b>	<b>30</b>	40				
<b>Part II. Economics: Microeconomics</b>									
<b>Module 3. Fundamentals of market functioning</b>									
Topic 1. Introduction to Microeconomics	1	4	2	2	20				
Topic 2. The Market: Demand, Supply and their Interaction	2	4	2	2					
Topic 3. Elasticity of Demand and Supply	3	4	2	2					
Topic 4. Utility Theory and Optimal Consumer Choice	4	4	2	2					
Topic 5. Analysis of Consumer Behavior	5	4	2	2					
Topic 6. Theory of the Firm: Production	6	4	2	2					
Topic 7. Production Costs, Revenue, and Profit	7	4	2	2					
<b>Total by module 3</b>		<b>28</b>	<b>14</b>	<b>14</b>					
<b>Module 4. Market structures and problems of achieving general equilibrium</b>									
Topic 8. Perfectly competitive market	8	4	2	2	20				
Topic 9. Monopolistic market	9	4	2	2					
Topic 10. Oligopoly as a type of market structure	10	4	2	2					
Topic 11. Monopolistic competition market	11	4	2	2					
Topic 12. Formation of derived demand	12	4	2	2					
Topic 13. Labor market	13	4	2	2					
Topic 14. Capital and natural resources (land) market	14	4	2	2					
Topic 15. General market equilibrium and economic efficiency	15	4	2	2					

<b>Total by module 4</b>	<b>x</b>	<b>32</b>	<b>16</b>	<b>16</b>					
<b>Total hours for the second semester</b>	<b>x</b>	<b>100</b>	<b>30</b>	<b>30</b>	<b>40</b>				
<b>Part III. Economics: Macroeconomics</b>									
<b>Module 5. Fundamentals of macroeconomic science and key indicators of the state</b>									
Topic 1. Subject, methods and functions of macroeconomics	1	4	2	2	20				
Topic 2. Macroeconomic indicators in the system of national accounts	2,3	8	4	4					
Topic 3. Model of aggregate demand and aggregate supply	4	2	1	1					
Topic 4. Consumption, savings and investment	5,6	8	4	4					
Topic 5. Classical model of macroeconomic equilibrium	7	4	2	2					
Topic 6. National market	8	4	2	2					
<b>Total by module 5</b>		<b>30</b>	<b>15</b>	<b>15</b>					
<b>Module 6. National and world economy</b>									
Topic 7. Fiscal policy of the state	9,10	4	2	2	20				
Topic 8. Monetary policy	11	8	4	4					
Topic 9. Cyclical fluctuations and economic growth	12	2	1	1					
Topic 10. Inflation and inflationary policy	13	8	4	4					
Topic 11. Unemployment and employment policy	14	4	2	2					
Topic 12. Macroeconomic policy in an open economy	15	4	2	2					
<b>Total by module 6</b>		<b>30</b>	<b>15</b>	<b>15</b>					
<b>Total</b>		<b>100</b>	<b>30</b>	<b>30</b>	<b>40</b>				
<b>TOTAL</b>		<b>300</b>	<b>90</b>	<b>90</b>	<b>120</b>				

### 3. Lecture topics

№	Topic title	Number of hours
<b>Part I. Economics: Fundamentals of Economic Theory</b>		
1	Subject and method of development of economic theory	2
2	Economic needs and interests of society	2
3	Economic system of society and property relations	2
4	Forms of organization of social production. Efficiency of production.	2
5	Macroeconomic problems	2
6	Theory of money and monetary circulation	4
7	The market and the mechanism of its functioning	2
8	Market infrastructure	2
9	Entrepreneurship and entrepreneurship in a market economy	2
10	Production costs and profit	2
11	Macroeconomic problems of economic theory	2
12	The economic role of the state in a market economy	2

13	Financial system	2
14	The essence and patterns of development of the world economy	2
<b>Total</b>		<b>30</b>
<b>Part II. Economics: Microeconomics</b>		
1	Introduction to Microeconomics	2
2	Market: Demand, Supply and Their Interaction	2
3	Elasticity of Demand and Supply	2
4	Utility Theory and Consumer Optimal Choice	2
5	Market Demand Theory	2
6	Theory of the Firm: Production	2
7	Production Costs, Revenue and Profit	3
8	Perfect Competition Market	2
9	Monopoly	2
10	Oligopoly	2
11	Monopolistic Competition Market	2
12	Forming of Derived Demand	2
13	Labor Market	2
14	Capital and Natural Resources (Land) Market	2
15	General Market Equilibrium and Economic Efficiency	2
<b>Total</b>		<b>30</b>
<b>Part III. Economics: Macroeconomics</b>		
1	Subject, methods and functions of macroeconomics	2
2	Macroeconomic indicators in the system of national accounts	4
3	Aggregate demand and aggregate supply model	1
4	Consumption, savings and investment	4
5	Classical model of macroeconomic equilibrium	2
6	National market	2
7	Fiscal policy of the state	2
8	Monetary policy	4
9	Cyclic fluctuations and economic growth	1
10	Inflation and inflation policy	4
11	Unemployment and employment policy	2
12	Macroeconomic policy in an open economy	2
<b>Total</b>		<b>30</b>
<b>TOTAL</b>		<b>90</b>

#### 4. Topics of practical classes

№	Topic title	Number of hours
<b>Part I. Economics: Fundamentals of Economic Theory</b>		
1	Subject and method of development of economic theory	2
2	Economic needs and interests of society	2

3	Economic system of society and property relations	2
4	Forms of organization of social production. Efficiency of production.	2
5	Macroeconomic problems	2
6	Theory of money and monetary circulation	4
7	The market and the mechanism of its functioning	2
8	Market infrastructure	2
9	Entrepreneurship and entrepreneurship in a market economy	2
10	Production costs and profit	2
11	Macroeconomic problems of economic theory	2
12	The economic role of the state in a market economy	2
13	Financial system	2
14	The essence and patterns of development of the world economy	2
<b>Total</b>		<b>30</b>
<b>Part II. Economics: Microeconomics</b>		
1	Introduction to Microeconomics	2
2	Market: Demand, Supply and Their Interaction	2
3	Elasticity of Demand and Supply	2
4	Utility Theory and Consumer Optimal Choice	2
5	Market Demand Theory	2
6	Theory of the Firm: Production	2
7	Production Costs, Revenue and Profit	3
8	Perfect Competition Market	2
9	Monopoly	2
10	Oligopoly	2
11	Monopolistic Competition Market	2
12	Forming of Derived Demand	2
13	Labor Market	2
14	Capital and Natural Resources (Land) Market	2
15	General Market Equilibrium and Economic Efficiency	2
<b>Total</b>		<b>30</b>
<b>Part III. Economics: Macroeconomics</b>		
1	Subject, methods and functions of macroeconomics	2
2	Macroeconomic indicators in the system of national accounts	4
3	Aggregate demand and aggregate supply model	1
4	Consumption, savings and investment	4
5	Classical model of macroeconomic equilibrium	2
6	National market	2
7	Fiscal policy of the state	2
8	Monetary policy	4
9	Cyclic fluctuations and economic growth	1
10	Inflation and inflation policy	4
11	Unemployment and employment policy	2
12	Macroeconomic policy in an open economy	2
<b>Total</b>		<b>30</b>
<b>TOTAL</b>		<b>90</b>

## 5. Topics for independent work

№	Topic title	Number of hours
<b>Part I. Economics: Fundamentals of Economic Theory</b>		
1	Independent work 1. General principles of economic development	20
2	Independent work 2. Features of the functioning of a market economy	20
<b>Total</b>		<b>40</b>
<b>Part II. Economics: Microeconomics</b>		
3	Independent work 1. Fundamentals of market functioning	2
4	Independent work 2. Market structures and problems of achieving general equilibrium	4
<b>Total</b>		<b>40</b>
<b>Part III. Economics: Macroeconomics</b>		
5	Independent work 1. Fundamentals of macroeconomic science and main indicators of the state	20
6	Independent work 2. National and world economy	20
<b>Total</b>		<b>40</b>
<b>TOTAL</b>		<b>120</b>

## 6. Methods and means of diagnosing learning outcomes:

- oral or written survey;
- interview;
- testing;
- defense of practical, computational and graphic works, presentations;
- peer assessment, self-assessment.

## 7. Teaching methods (select the necessary or add):

- problem-based learning method;
- practice-oriented learning method;
- case method;
- flipped classroom method, blended learning;
- research-based learning method;
- discussion and debate method;
- teamwork, brainstorming method.

## 8. Assessment of learning outcomes.

The knowledge of a higher education applicant is assessed on a 100-point scale and is converted into a national assessment in accordance with the current "Regulations on Examinations and Tests at the NUBiP of Ukraine"

### 8.1. Distribution of points by types of educational activities

Type of educational activity	Learning outcomes	Evaluation
<b>Part I. Fundamentals of Economic Theory</b>		
<b>Module 1. General principles of economic development of society</b>		
<b>Practical lesson 1.</b> Subject and method of developing economic theory	ELO 5,6,15,17,18. Students' ideas about the peculiarities of the formation and stages of development of economic theory; about the subject of economic science, methods and functions in the process of evolutionary development of society are formed.	6



<b>Practical lesson 2.</b> Economic needs and interests of society	ELO 5,6,15,17,18. To know the essence and structure of economic needs and interests of society. To understand the dialectics of the relationship and contradictions of interests of economic entities and the forms of their resolution. To study social production, to get acquainted with the factors of production and their interaction. To be able to calculate indicators of economic efficiency of resource use. To be able to analyze the production possibilities curve.	8
<b>Practical lesson 3.</b> The economic system of society and property relations	ELO 5,6,15,17,18. To know the essence and structure of economic needs and interests of society. To understand the dialectics of the relationship and contradictions of interests of economic entities and the forms of their resolution. To study social production, to get acquainted with the factors of production and their interaction. To be able to calculate indicators of economic efficiency of resource use. To be able to analyze the production possibilities curve.	8
<b>Practical lesson 4.</b> Forms of organization of social production. Efficiency of production	ELO 5,6,15,17,18. Know the genesis of forms of economy, their features. Know the contradictions of commodity production. Investigate the concept of commodity and its properties. Investigate theories of value and their varieties. Know the law of value. Be able to calculate production efficiency indicators	10
<b>Practical lesson 5.</b> Theory of money and monetary circulation	ELO 5,6,15,17,18. To investigate the origin, to know the content and functions of money, the evolution of monetary systems and the law of monetary circulation. To substantiate the causes of the emergence, forms, types, levels and consequences of inflation and deflation. To be able to calculate inflation rates.	10
<b>Practical lesson 6.</b> The market and the mechanism of its functioning	ELO 5,6,15,17,18. Know the essence and features of demand, supply, the law of demand and supply. Form knowledge about price. Find out the conditions for ensuring market equilibrium, the causes and consequences of its violation. Have knowledge of the essence of competition, its forms, and methods of competitive struggle.	9
<b>Practical lesson 7.</b> Market infrastructure	ELO 5,6,15,17,18. Know the concept of market infrastructure and its main elements. Have knowledge about exchanges, banks and their place in a market economy. Understand how the banking system of Ukraine functions and the problems of its formation.	9
<i>Independent work 1</i>		<i>10</i>
<b>Modular work 1</b>		<b>30</b>
<b>Total by module 1</b>		<b>100</b>
<b>Module 2. Features of the functioning of a market economy</b>		
<b>Practical lesson 8.</b> Entrepreneurship in a market economy	ELO 5,6,15,17,18. To find out the forms and types of enterprises according to various classification criteria. To know the structure of capital and the features of its circulation and turnover. To know the indicators of the efficiency of the use of fixed and circulating capital. To know the economic essence of households, their income and distribution	10
<b>Practical lesson 9.</b> Production costs and profit	ELO 5,6,15,17,18. Know the essence and structure of production costs. Be aware of the features of production costs in the short and long term. Know the essence of the cost of production, its types and structure, ways to reduce cost. Understand the essence of profit, types and forms of profit and its distribution. Understand the essence of agricultural production, agrarian relations, land relations. Know the forms of land ownership and forms of land use. Have knowledge of rent relations, rent and rent. Know the types of rent. Be able to calculate the price of	10

	land. Have knowledge of agro-industrial integration and its forms.	
<b>Practical lesson 10.</b> Income of the population, its sources and distribution	ELO 5,6,15,17,18. Know the essence of population income, its types and sources of formation. Know the essence of wages, forms, types and systems of wages. Understand the process of indexing population income. Be able to analyze total family income and pension provision. Know the process of forming a family budget and the structure of using family income.	8
<b>Practical lesson 11.</b> Macroeconomic problems of the economic theory of a market economy	ELO 5,6,15,17,18. Know the essence of social reproduction and its types. Know the essence, types and factors of economic growth. Have knowledge of accumulation and investment. Know the essence and features of calculating GNP, GDP, CNP, ND, OD and DKV. Be able to calculate nominal and real macroeconomic indicators. Be aware of the problems of economic growth in Ukraine. Know the types and characteristics of economic cycles. Types and features of economic crises and modern economic cycles. Have knowledge of unemployment and employment of the population. Know the types of unemployment.	8
<b>Practical lesson 12.</b> The economic role of the state in a market economy	ELO 5,6,15,17,18. To be aware of the need and limits of state regulation of a market economy. To know the economic functions of the state, forms, instruments and methods of state regulation of the economy.	8
<b>Practical lesson 13.</b> Financial system Practical lesson	ELO 5,6,15,17,18. Know the content, structure and functions of finance. Know the structure of the country's financial system. Be aware of the problems of balancing the state budget. Know the types of taxes. Be able to interpret the Laffer curve. Know the forms and functions of credit. Have knowledge of the structure of the state's credit system.	8
<b>Practical lesson 14.</b> The essence and patterns of development of the world economy	ELO 5,6,15,17,18. Understand the objective prerequisites for the emergence of the world economy: the development of the world market, the international division of labor, the internationalization of economic life. Know the concept of the world economy and the stages of its development. Understand the essence, functions and patterns of the development of the world economy. Know the system of international economic relations. Understand the concept of world trade, its types and structure. The international monetary system. Exchange rate. The International Monetary Fund and its functions. International financial and economic organizations and their role in the modern economy.	8
<b>Independent work 2</b>		<b>10</b>
<b>Modular test 2</b>		<b>30</b>
<b>Total by module 2</b>		<b>100</b>
<b>Educational work</b>	<b>(M1 + M2)/2*0,7 ≤ 70</b>	
<b>Exam Test</b>	<b>30</b>	
<b>Total per course</b>	<b>(Educational work + test) ≤ 100</b>	
<b>Part II: Microeconomics</b>		
<b>Module 3. Fundamentals of market functioning</b>		
<b>Practical lesson 1.</b> Introduction to microeconomics	ELO 5,6,15. Understand the meaning of the category of microeconomics, its objects and subjects. Understand the place of microeconomics in the system of economic knowledge. Possess the methodology of microeconomics. Know the essence of economic needs and interests, economic goods and their classification. Be able to calculate opportunity cost. Understand the production possibilities frontier and be able to depict it	<b>5</b>

	graphically.	
<b>Practical lesson 2.</b> Market: demand, supply and their interaction	ELO 5,6,15. Understand the concepts of: demand and supply, market equilibrium, analyze price and non-price factors that influence them. Calculate and display graphically, tabularly, analytically indicators of demand volume and price	<b>10</b>
<b>Practical lesson 3.</b> Elasticity of demand and supply	ELO 5,6,15. Know the concept and types of elasticity. Be able to calculate the elasticity coefficient. Analyze and practically apply the obtained values of elasticity indicators. Learn the principle of the "price mechanism", get acquainted with models of achieving market equilibrium. Use price elasticity of demand and supply to determine the behavior of consumers and producers in the market	<b>10</b>
<b>Practical lesson 4.</b> Utility theory and optimal consumer choice	ELO 5,6,15. Know the concept, types and form of utility functions. Understand the axioms of consumer behavior, the concept of consumer preferences and choice, the essence of the market basket. Be able to graphically depict the indifference curve and the budget constraint line, calculate the marginal rate of substitution. Know the properties of the indifference curve and the budget constraint line, the concept of the marginal rate of substitution (MRS <sub>xy</sub> ). Be able to use the analytical form of the budget constraint line, distinguish between a simple and an extended budget constraint. Be able to graphically depict the state of optimal consumer choice and use it in practice.	<b>10</b>
<b>Practical lesson 5.</b> Theory of market demand	ELO 5,6,15. Distinguish between the concepts of individual and market demand. Be able to graphically depict the influence of various factors on the equilibrium state and individual consumer demand. Understand the concepts of the curves: "income-consumption" and "price-consumption". Know the concepts: income effect and substitution effect. Understand the principle of price setting in a market economy and the concept of consumer surplus. Be able to determine market demand graphically and analytically.	<b>5</b>
<b>Practical lesson 6.</b> Theory of the firm: production	ELO 5,6,15. Understand the enterprise from the point of view of the subject of market relations, as well as the motivation of the enterprise's activities. Be able to calculate the total, average and marginal productivity of a resource. Know the concept and parameters of the production function, its types, the essence of the total, average and marginal products. Understand the essence of the concepts: isoquant and isocost, marginal rate of technological substitution (MRTS). Be able to graphically depict and know the properties of isoquant and isocost	<b>10</b>
<b>Practical lesson 7.</b> <b>Production costs, revenue and profit</b>	ELO 5,6,15. Know the essence of production profits, economic and accounting approaches to their determination, as well as the features of cost formation in the long and short term. Understand the classification and methods of calculating production costs. Distinguish between accounting and economic costs, marginal costs.	<b>10</b>
<i>Independent work 3</i>	Writing essays and abstracts according to the specified topics (including in elearn), preparation for discussion of the topic issues in a practical lesson	<b>10</b>
<b>Modular test 3</b>		<b>30</b>
<b>Total by module 3</b>		<b>100</b>
<b>Module 4. Market structures and problems of achieving general equilibrium</b>		

<b>Practical lesson 8.</b> Perfectly competitive market	ELO 5,6,15. Know the signs and conditions of perfect competition, the concepts of a competitive firm and a competitive industry. Understand the principle of consumer demand formation for the products of a competitive firm; the difference between accounting, economic and normal profit; the concept of production surplus. Be able to calculate the total, average and marginal revenue of a firm; determine the optimal volume of output for a firm using the profit maximization rule. Analyze the conditions for a firm to exit the industry in the short and long term and the mechanism for the formation of individual and market supply. Know the effect of the profit paradox and understand the consequences of state regulation of competitive markets. Understand the differences in the strategies of a commodity producer in the short and long term.	<b>10</b>
<b>Practical lesson 9.</b> Monopoly market	ELO 5,6,15. Understand the essence of monopolies, their characteristics and types, Know the strategies for choosing prices and production volumes by a monopolist. Know the relationship between the elasticity of demand for the products of a monopolist firm and total and marginal revenue. Be able to solve the problem of maximizing profit for a monopolist in the short and long term and calculate the price of products using the rule of monopolistic pricing. Analyze the use of price discrimination in the formation of the price of a monopolist firm	<b>10</b>
<b>Practical lesson 10.</b> Oligopoly as a type of market structure	ELO 5,6,15. Know the essence of oligopoly, its models and distribution. Understand the concept of oligopoly efficiency. Be able to solve the problem of profit maximization for oligopoly in the short and long term.	<b>10</b>
<b>Practical lesson 11.</b> Monopolistic competition market	ELO 5,6,15. Understand the characteristics of a monopolistic competition market. Be able to determine the optimal sales volume of a firm and its pricing policy, and solve the problem of maximizing profit for a monopolistic competitor firm in the short and long term.	<b>10</b>
<b>Practical lesson 12.</b> Formation of derived demand	ELO 5,6,15. Know the essence of antimonopoly policy and antimonopoly legislation of Ukraine. Understand the need for state regulation of monopoly and the features of the activities of the antimonopoly committee. Know the problems of natural monopolies, features of antimonopoly policy in different countries. Be able to measure monopoly power.	<b>5</b>
<b>Practical lesson 13.</b> Labor market.	ELO 5,6,15. Be able to determine the optimal amount of labor using the “hiring decision” rule. Be able to compare competitive labor markets and labor markets with imperfect competition. Understand the practical use of the “income-leisure” model. Know the features of the formation of individual and market labor supply and demand for labor.	<b>5</b>
<b>Practical lesson 14.</b> Capital and natural resources (land) market	ELO 5,6,15. Analyze the model of intertemporal choice in the economy and the features of the formation of demand and supply of loanable funds. Be able to determine the optimal volume of investment for a company, assess the feasibility of investments and use the discount rule. Know the features of the functioning of natural resource markets, in particular land. Understand the features of setting rent and land prices	<b>5</b>
<b>Practical lesson 15.</b> General market equilibrium and economic efficiency	ELO 5,6,15. Know the concept of market interdependence, the essence of externalities, public goods, asymmetric information. Distinguish between partial and general equilibrium situations. Understand the general conditions for the efficiency of a	<b>5</b>

	competitive market system. Understand the problems in achieving general equilibrium and know the reasons for the need for state intervention in a market economy. Know the causes and consequences of state intervention in the economy, as well as the problems of regulating the production and consumption of public	
<i>Independent work 4</i>	Writing essays and abstracts according to specified topics (including in elearn), solving problems, preparing for discussion of the topic issues in a practical lesson	<b>10</b>
<b>Modular test 4</b>		<b>30</b>
<b>Total modulo 4</b>		<b>100</b>
<b>Educational work</b>	<b>(M1 + M2)/2*0,7</b>	<b>≤ 70</b>
<b>Exam</b>		<b>30</b>
<b>Total per semester</b>	<b>(Educational work + Exam)</b>	<b>≤ 100</b>
<b>Part III Semester Economics: Macroeconomics Module 5. Fundamentals of Macroeconomics</b>		
<b>Practical lesson 1.</b> Subject, methods and functions of macroeconomics	ELO 15, 17, 18 Know: the content of basic economic laws and categories. Be able to: analyze and systematize economic processes of the country's economic life. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	4
<b>Practical lesson 2.</b> Macroeconomic indicators in the system of national accounts	ELO 15, 17, 18 Know: the principles of constructing the system of national accounts, the methodology and techniques for calculating macroeconomic indicators and economic indices. Be able to: analyze and systematize the economic processes of the country's economic life.	4
<b>Practical lesson 3.</b> The aggregate demand and aggregate supply model	ELO 15, 17, 18 Know: the structure of aggregate demand and aggregate supply, the influence of price and non-price factors on the aggregate demand and aggregate supply curve. Be able to: analyze and systematize the economic processes of the country's economic life. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	4
<b>Practical lesson 4.</b> Consumption, savings and investment	ELO 15, 17, 18. Know: the content of basic economic laws and categories. Be able to: analyze and systematize economic processes of the country's economic life. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	6
<b>Practical lesson 5.</b> Classical model of macroeconomic equilibrium	ELO 15, 17, 18 Know: the prerequisites and evolution of the development of the classical model of macroeconomic equilibrium, the interaction of resource, commodity, money and investment markets. Be able to: analyze and systematize economic processes. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	6
<b>Practical lesson 6.</b> National market	ELO 15, 17, 18 Know: theoretical principles of building models of macroeconomic equilibrium in the short and long term in the commodity and money markets (IS-LM model). Be able to: analyze and systematize economic processes. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	6
<i>Independent work 5</i>		<b>20</b>

<b>Modular test 5</b>		<b>40</b>
<b>Total modulo 5</b>		<b>100</b>
<b>Module 6. National and world economy</b>		
<b>Practical lesson 7.</b> Fiscal policy of the state	ELO 15, 17, 18 Know: tools of fiscal macroeconomic policy, features of state budget formation; analysis of the causes of persistent budget deficit and growing state debt and their impact on the national economy. Be able to: analyze and systematize economic processes. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	4
<b>Practical lesson 8.</b> Monetary policy	ELO 15, 17, 18 Know: the content of the main economic categories and laws, the functions and forms of money, the essence of the monetary system and its elements. Be able to: analyze and systematize economic processes. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	4
<b>Practical lesson 9.</b> Cyclical fluctuations and economic growth	ELO 15, 17, 18 Know: the features of the cyclical nature of economic activity and its impact on the development of the economies of countries. Be able to: analyze and systematize economic processes. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	4
<b>Practical lesson 10.</b> Inflation and inflationary policy	ELO 15, 17, 18. Know the classification of inflation, understand theoretical approaches to explaining the causes of inflation, the state's anti-inflationary policy and its role in stabilizing the economy. Be able to: analyze and systematize economic processes. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	6
<b>Practical lesson 11.</b> Unemployment and employment policy	ELO 15, 17, 18 Know: the content of the main economic categories and laws of macro processes, indicators of the level of labor utilization. Be able to: analyze and systematize the economic processes of the country's economic life. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	6
<b>Practical lesson 12.</b> Macroeconomic policy in an open economy	ELO 15, 17, 18 Know the content of the main economic categories and laws of the functioning of economic systems. Be able to: analyze and systematize the economic processes of the country's economic life. Learn to use theoretical, practical, statistical information, work with various statistical sources on the chosen topic and draw conclusions.	6
<i>Independent work 6</i>		20
<b>Modular test 6</b>		<b>40</b>
<b>Total modulo 6.</b>		<b>100</b>
<b>Educational work</b>	$(M1 + M2)/2 \cdot 0,7$	$\leq 70$
<b>Exam</b>		<b>30</b>
<b>Total per course</b>	<b>(Educational work + Exam)</b>	<b><math>\leq 100</math></b>

### 8.1. Scale for assessing knowledge of a higher education applicant

Higher education applicant rating, points	Assessment according to the national system (exams/credits)
90-100	excellent
74-89	very well
60-73	satisfactory
0-59	unsatisfactory

### 8.2. Evaluation Policy

<b>Deadline and resubmission policy</b>	Practical works submitted after the deadline without good reason will be given a lower grade. Modules can be retaken with the permission of the lecturer if there are good reasons (for example, sick leave).
<b>Academic Integrity Policy</b>	Cheating during tests and exams is prohibited (including using mobile devices). Term papers and essays must have correct text references to the literature used
<b>Visitation Policy</b>	Attendance at classes is mandatory. For objective reasons (e.g. illness, international internship), studies may be conducted individually (online, in agreement with the dean of the faculty).

## 9. Educational and methodological support

1. Електронний навчальний курс навчальної дисципліни Економічна теорія (на навчальному порталі НУБіП України eLearn – <https://elearn.nubip.edu.ua/course/view.php?id=80520>).
2. Електронний навчальний курс навчальної дисципліни «Економікс: мікроекономіка» на навчальному порталі НУБіП України eLearn URL: <https://elearn.nubip.edu.ua/course/view.php?id=1733>
3. Електронний навчальний курс навчальної дисципліни «Економікс: макроекономіка» на навчальному порталі НУБіП України eLearn URL: <https://elearn.nubip.edu.ua/course/view.php?id=2361&notifieditingon=1>
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8. Економічна теорія: Практикум. Навч. посіб. для студентів закладів вищої освіти. Пащенко О.В., Болгарова Н.К., Талавира М.П. Київ: Ви-во «Наукова Столиця». 2020. 356с.
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10. Гуца І.О. Макроекономіка. Методичні вказівки для підготовки фахівців ОС «Бакалавр» за спеціальностями 051 Економіка (Економіка підприємства), 051 Економіка (Економіка підприємства), 071 Облік і оподаткування (Облік і аудит), 072 Фінанси, банківська справа та страхування (Фінанси і кредит), 073 Менеджмент, 075 Маркетинг, 076 Підприємництво, торгівля та біржова діяльність. К.: НУБіП України, 2020. 97 с.
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## 10. Recommended sources of information

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