



## **COURSE SYLLABUS** **"ECONOMICS:MACROECONOMICS"**

**Degree of higher education - Bachelor**  
**Specialty 073 Management**  
**Academic program "Management"**

**Academic year 1, semester 2**  
**Form of Study Full-time ( full-time, part-time)**  
**Number of ECTS credits 5**  
**Language of training English**

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**Lecturer of the course**

**Contact information of the  
lecturer (e-mail)**

**Course page on eLearn**

**Degree of higher education - Bachelor**  
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**<https://elearn.nubip.edu.ua/course/view.php?id=392>**

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### **COURSE DESCRIPTION**

*(up to 1000 printed characters)*

**"Economics:macroeconomics"** is a discipline which purpose is to form a system of knowledge about the mechanism of functioning and development of the national economy based on macroeconomic theories, models and concepts. This course is aimed at studying the theoretical foundations and tools of macroeconomic analysis (analysis of the state of the national economy and its external relations), the theory of the functioning and development of macroeconomic systems, the acquisition of skills in the construction and analysis of macroeconomic models, the formation of comprehensive knowledge about the formation of an effective mechanism of macroeconomic policy, and as well as developing the ability to apply the acquired knowledge in practical activities. Competencies of the educational programme: Studying the course provides an opportunity to acquire fundamental theoretical and practical knowledge regarding the theory and methodology of research into the structural features and regularities of the functioning of the economic system; analysis of macroeconomic phenomena and processes; construction of models of optimal economic growth and macroeconomic balance; evaluation of the effectiveness of macroeconomic policy; tools for solving the problems of the modern economy at the macro level; methods of solving problems of macroeconomic instability.

### **Competencies**

#### ***Integrated competency (IC):***

The ability to solve complex specialized tasks and practical problems, which are characterized by complexity and uncertainty of conditions, in the field of management or in the learning process, which involves the application of theories and methods of social and behavioral sciences.

#### ***General competencies (GC):***

- GC 3. Ability to abstract thinking, analysis, synthesis.
- GC 10. Ability to conduct research at an appropriate level.
- GC 14. Ability to work in an international context.

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

- SC 6. The ability to act socially responsibly and consciously.

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

***Expected Learning Outcomes (PLO):***

- PLO 15. Demonstrate the ability to act socially responsibly and socially conscious on the basis of ethical considerations (motives), respect for diversity and interculturality.
- PLO 17. Conduct research individually and/or in a group under the guidance of a leader.
- PLO 18. Demonstrate the ability to identify prospects for the development of the enterprise, develop projects, organize management of business processes based on analysis market opportunities and international business environment.

**COURSE STRUCTURE**

Topic	Hours (lectures/ practical classes)	Learning outcomes	Tasks	Assessment
<b>Module 1. BASES OF MACROECONOMIC SCIENCE AND BASIC INDEXES OF STATE</b>				
Topic 1. Macroeconomics as science	4/4	Be able to form knowledge of the fundamental principles of the functioning of the national economy, methods of its research and analysis of macroeconomic processes	Answer the questions; create a presentation; solve the statistic exercises	<b>5</b>
Topic 2. Macroeconomic indicators and their measurement	4/4	Understand the principles of building a system of national accounts, the methodologies and methods of calculating macro-economic indicators, economic indices.	Analyze of the statistical information and solve the tasks by variants	<b>5</b>
Topic 3. Inflation and anti-inflation policy	4/4	Apply knowledge about the specifics of inflationary processes and their determinants and anti-inflationary policy of the state.	Create presentation about the issues; solve the exercises	<b>5</b>
Topic 4. Model of aggregate demand and aggregate supply	4/4	Know the principles of building a model of aggregate demand and aggregate supply (AD-AS model)	Solve the exercises Create a presentation	<b>5</b>
Topic 5. Classical model of macroeconomic equilibrium	4/4	Know the principles of building a classical model of macroeconomic equilibrium	Statistical data analyze for the international comparing of macroeconomic situation	<b>5</b>
Topic 6. Keynesian model of macroeconomic equilibrium	3/3	To know the principles of building a model of macroeconomic equilibrium by J.M. Keynes.	Presentation with the major categories and concepts; Solve tests for the Control Work 1	<b>5</b>
Module test				30
Total for module 1				100
<b>Module 2. NATIONAL AND WORLD ECONOMY</b>				

Topic 7. Fiscal policy	4/4	Be able to choose the tools of fiscal macroeconomic policy to its goals; to develop skills in analyzing the causes of persistent budget deficit and its impact on the national economy.	Solve the exercises Substantiate the respond with the statistical data.	<b>6</b>
Topic 8. Monetary policy	4/4	Understand the effects of monetary policy instruments for the price level and real GDP targets	Solve the exercises Substantiate the respond with the statistical data.	<b>6</b>
Topic 9. National market equilibrium in the IS-LM model	4/4	To know the theoretical principles of building macroeconomic equilibrium models in the short-term and long-term periods on commodity and money markets (IS-LM model).	Create presentation about the issues; solve the exercises	<b>6</b>
Topic 10. Labour-market and social policy	3/3	Understand the factors that determine the causes of unemployment; calculate the unemployment	Answer the questions; solve the exercises	<b>5</b>
Topic 11. Cyclical fluctuations and economic growth	3/3	Explain both the short-run and the long-run cumulative effects of saving and investment on real national income and consumption	Solve individual exercises in elearn course	<b>6</b>
Topic 12. Mechanism of foreign economic activity	4/4	Analyze an international trade, capital movement, international migration, monetary and financial relation. Explain both the short-run and the long-run cumulative effects of saving and investment on real national income and consumption	Individual tasks: give ideas about the national economy and globalization; for solving global Problems. Describe trade policy remedies available in major trading countries Solve tests for the Control Work 2	<b>6</b>
Module test				30
Total for module 2				100
Total for the semester	45/45			
In total for the 7th semester, $0.7 \cdot (R(1)CM + \dots + R(n)CM)$ educational work				70
Opportunity to get extra points		Additional points can be achieved for presentation and participation in a student conference, article publication, participation in the 1st round of the olympiads, etc.		up to 10
Exam				30
Total for the course $R_{course} = R_{edw} + R_{ex}$				100

## ASSESSMENT POLICY

<b><i>Policy regarding deadlines and resits</i></b>	Assignments submitted after the deadline without valid reasons will be graded lower. Resitting of modules will be allowed with the permission from the lecturer and in the presence of valid reasons (e.g. medical reasons).
<b><i>Academic honesty policy:</i></b>	Cheating during tests and exams is strictly prohibited (including the use of mobile devices). Coursework and research papers must contain correct citations for all sources used.
<b><i>Attendance policy</i></b>	Class attendance is mandatory. In case of objective reasons (such as illness or international internships), individual learning may be allowed (in online format by the approval of the dean of the faculty).

#### SCALE OF ASSESSMENT OF STUDENT KNOWLEDGE

Student rating, points	National grade based on exam results	
	exams	credits
90-100	excellent	credited
74-89	good	
60-73	satisfactory	
0-59	unsatisfactory	not credited

#### RECOMMENDED SOURCES OF INFORMATION

This work program of academic discipline, a summary of lectures, plans of seminars and practical classes, tasks for independent work, express control, tasks for final control, Elearn course by URL: <https://elearn.nubip.edu.ua/course/view.php?id=392>

1. Macroeconomics: Educational-scientific manual for students of economic specialties. Методичні вказівки// I. Guscha. K.: НУБіП України. 2020. 165 с. URL: [https://nubip.edu.ua/sites/default/files/u327/metodichka\\_economics\\_macro\\_2022.pdf](https://nubip.edu.ua/sites/default/files/u327/metodichka_economics_macro_2022.pdf)

2. Economics: Macroeconomics and macroeconomic policy. Mykola Talavirya, Gushcha I.O., Paschenko O.V., Yarema Lubov, Yana Voitovska, Vdovich Valentina. Publisher Teadmus OÜ, Tallinn, Estonia. – 2022. – 352 p.

3. Talavirya M., Paschenko O., Gushcha I. Macroeconomics: Aggregate Theory and Policy. – Kyiv, CP Komprint, 2023. -215 p.

4. 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 // Гуца І.О.// – К.: НУБіП України, 2020, 97 с. URL: [https://nubip.edu.ua/sites/default/files/u327/metodichka\\_makro\\_gushcha\\_2020.pdf](https://nubip.edu.ua/sites/default/files/u327/metodichka_makro_gushcha_2020.pdf)

5. Макроекономіка в тестах і задачах: Навчальний посібник для самостійної роботи студентів вищих навчальних закладів IV рівня акредитації: Навч. посіб., Київ: ФОП Ямчинський О.В., 2023 – 345 с.

6. Economics: macroeconomics. Методичні вказівки (англійською мовою) для самостійної роботи студентів економічних спеціальностей // I. Gushcha // К.: НУБіП України, 2023.

7. Талавиря М.П., Бутенко В.М., Болгарова Н.К., Власенко Ю.Г., Гуца І.О, Пашенко О.В. Економікс: навчальний посібник. Київ: Редакційно-видавничий відділ НУБіП України. 2023. 532 с.

#### Internet resources

1. Government Portal. URL: <http://www.kmu.gov.ua/control/en>
2. European Union. URL: <http://www.europa.eu.int/>
3. The World Bank. URL: <http://www.worldbank.org/en/topic/macroeconomics>
4. State Statistic Service of Ukraine: URL: <http://www.ukrstat.gov.ua/>
5. Verkhovna Rada of Ukraine: URL: <http://rada.gov.ua>

6. National Bank of Ukraine: URL: <http://www.bank.gov.ua>.
7. National Library of Ukraine. URL: <http://www.nbuv.gov.ua/http://www.nbuv.gov.ua/>
8. Food and Agricultural Organization of the United Nations. URL: <http://www.fao.org/>
9. World Trade Organization. URL: <http://www.wto.org>
10. Macroeconomics in New World Encyclopedia. URL: <http://www.newworldencyclopedia.org/entry/Macroeconomics>