

**PJSC “Higher Educational Institution  
“INTERREGIONAL ACADEMY OF PERSONNEL MANAGEMENT”**



**SYLLABUS**  
*of the academic discipline*

**MACROECONOMICS**

<b>Level of higher education:</b>	first (bachelor's) level
<b>Field of knowledge:</b>	D Business, Administration and Law
<b>Specialty:</b>	D3 Management
<b>Study program:</b>	Management

### General information about the academic discipline

Name of the academic discipline	Macroeconomics
Code and name of the specialty	D3 Management
Level of higher education	First (bachelor's) level
Discipline status	Compulsory
Number of credits and hours	4 credits/120 hours Lectures: 34 hours Seminars/practical classes: 18 hours Students' independent work: 68 hours
Terms of study of the discipline	3 semester
Language of instruction	Ukrainian
Final control type	Exam

### General information about the instructor. Contact information.

Full name of the instructor	Mykola Zaiets
Academic degree	PhD in Economic Sciences
Position	Associate Professor of the Department of Economics and Management
Areas of scientific research	Financial and investment mechanisms for business development in the digital economy; management of foreign economic activity and international competitiveness of enterprises; macroeconomic aspects of regional innovation infrastructure development.
Links to the registers of identifiers for scientists	Google Scholar: <a href="https://surl.li/dsswpb">https://surl.li/dsswpb</a> ORCID: <a href="https://orcid.org/0000-0003-0495-7400">https://orcid.org/0000-0003-0495-7400</a>
Contact information	
E-mail:	<a href="mailto:menedzmentuk@gmail.com">menedzmentuk@gmail.com</a>
Department phone	+380677445957
Instructor's portfolio on the website	<a href="https://izmail.maup.com.ua/assets/files/zaec-portfolio-a.pdf">https://izmail.maup.com.ua/assets/files/zaec-portfolio-a.pdf</a>

**Discipline's description.**

The discipline "Macroeconomics" is focused on deep and thorough assimilation by students of a set of knowledge on macroeconomics issues and learning how to apply them correctly in practical activities. During the period of formation of the state's economy, the necessary conditions for the development of commodity-money relations are the active participation of broad sections of the population in these processes, the consideration of public opinion, as well as the harmonization of social ties.

**The subject of the discipline** is the mechanism of functioning and development of the national economy. Macroeconomic theory explains how the economic well-being of households is affected by the changes taking place in the economic system. She finds out why firms can gain or lose significant amounts of money when the economic environment in which they function changes, how and why the general conditions of business activity change, how this can be understood, explained, and sometimes predicted.

**The aim of the discipline** is to form a holistic view of students about the relationships between macroeconomic phenomena and processes and to provide the foundations for independent analysis of the effectiveness of macroeconomic policy.

**The objectives of the discipline:**

1. To acquaint students with the conceptual and categorical apparatus and tools of modern macroeconomics;
2. To reveal the nature of macroeconomic problems and the peculiarities of the aggregated behavior of subjects of the national economy;
3. To form an idea of the mechanisms of formation of macroeconomic balance and the causes of economic fluctuations;
4. To reveal the principles and mechanisms of macroeconomic policy.

**Prerequisites for the discipline:** the basic knowledge for studying the course "Macroeconomics" is the disciplines of the economic cycle, such as "Economic theory", "Philosophy"; "Microeconomics", the mathematical basis of the course is the disciplines "Higher mathematics".

**Post-requisites for the discipline:** "Macroeconomics" is the basis for teaching such disciplines as "Finance, money and credit", "Management ZED", "Investing" and many others.

**Program competences**

<b>General competences</b>	<p>GC2. Ability to preserve and enhance moral, cultural, and scientific values and contribute to the achievements of society based on an understanding of the history and regularities of development in the field, its place within the general system of knowledge about nature and society, and its role in the development of society, technology, and innovation; ability to use various types and forms of physical activity for active recreation and maintaining a healthy lifestyle.</p> <p>GC3. Ability for abstract thinking, analysis, and synthesis.</p> <p>GC5. Knowledge and understanding of the subject area and professional activity.</p>
<b>Special competences</b>	<p>SC17. Ability to independently identify economic problems and propose ways to solve them for analysis, forecasting, planning and optimization in management.</p>
<b>Intended learning outcomes</b>	<p>ILO3. Demonstrate knowledge of theories, methods, and functions of management, as well as modern concepts of leadership.</p> <p>ILO12. Evaluate the legal, social, and economic implications of an organization's operations.</p> <p>ILO18. Demonstrate skills in analyzing the effectiveness of management of operational, marketing, foreign economic activity of the enterprise, justify the directions of its future development for the preparation and presentation of analytical reports.</p>

### Content of the academic discipline

№	Topics	Number of hours, of which :			
		Lectures	Seminars	Independent work	Teaching methods /assessment methods

3 <sup>rd</sup> semester Content module 1. Macroeconomic indicators in the system of national accounts					Teaching methods: verbal (educational lecture; conversation, educational discussion); inductive method; deductive method; analytical; synthetic; practical; explanatory and illustrative method of problem presentation; research interactive methods (analysis of situations; discussions, debates, polemics; dialogue; brainstorming; situational modelling, processing of debatable issues); innovative teaching methods (competence, case method). Assessment methods: oral control (oral survey, assessment of participation in discussions, other interactive learning methods); written control (control, independent works); test control (closed form tests); method of self-control and self-assessment.
Topic 1.	Macroeconomics as a science	2	2	6	
Topic 2.	Macroeconomic indicators in the system of national accounts	4	-	8	
Topic 3.	Macroeconomic instability	4	2	6	
Topic 4.	Commodity market, aggregate demand - aggregate supply	2	2	6	
Topic 5.	Consumption, savings, investments	4	2	6	
Content module 2. Economic role of the state					
Topic 6.	Flow patterns –release, injection withdrawal, precession and inflation gaps	4	2	6	
Topic 7.	Fiscal and monetary policy	2	2	6	
Topic 8.	Model of simultaneous equilibrium in commodity and money markets	2	2	6	
Topic 9.	Labour market and social policy	4	2	6	
Topic 10.	Economic growth	4	2	6	
Topic 11.	Foreign economic activity	2	-	6	
Module Assessment Task					
Total		34	18	68	
Final assessment: exam					

**Technical equipment and/or software** – official website of IAPM:

<http://IAPM.com.ua> The educational process involves the use of classrooms, a library, a multimedia projector, and a computer for conducting lectures and seminars with presentation elements. Studying individual topics and completing practical tasks requires access to internet resources, which is provided through a free Wi-Fi network.

### **Forms and methods of assessment.**

Assessment of students' academic performance is divided into ongoing and final (semester) assessment.

Ongoing assessment is conducted during practical (seminar) classes and is aimed at systematically checking the understanding and assimilation of theoretical material, as well as the ability to apply theoretical knowledge when completing

practical tasks. The possibilities of ongoing assessment are extensive: it can support learning motivation, stimulate educational and cognitive activity, enable a differentiated approach to teaching, and ensure individualization of the learning process.

Forms of student participation in the educational process subject to ongoing assessment include:

- oral reports;
- comments and questions to the speaker;
- consistent performance in seminar classes and active participation in discussions;
- participation in debates and interactive learning activities;
- analysis of legislation and academic literature;
- written assignments (tests, quizzes, creative tasks, essays, etc.);
- preparation of theses and summaries of academic or scientific texts;
- independent study of course topics.

**Methods of ongoing assessment include:** oral assessment (interview, discussion, report, presentation, etc.); written assessment (tests, essays, written presentations on assigned topics, etc.); combined assessment; presentation of independent work; observation as a method of assessment; testing; analysis of problem situations.

Grading system and requirements.  
Table of distribution of points received by students

	Ongoing knowledge assessment											Modular assessment task	Exam	Total points
Topics	T o p i c 1	T o p i c 2	T o p i c 3	T o p i c 4	T o p i c 5	T o p i c 6	T o p i c 7	T o p i c 8	T o p i c 9	T o p i c 10	T o p i c 11	20	40	100
Work in a seminar	4	-	3	3	3	3	3	3	3	4	-			
Independent work	1	1	1	1	1	1	1	1	1	1	1			

The table contains information about the maximum points for each type of assignment.

When assessing the mastery of each topic within ongoing educational activities, students receive marks in accordance with the approved assessment criteria for the respective discipline.

The criteria for evaluating learning outcomes and the distribution of points are regulated by the Regulations on the Assessment of Students' Academic Achievements at PJSC "HEI IAPM".

**Modular assessment.** Modular assessment in the discipline "Macroeconomics" is conducted in written form as testing using closed-type test items, including alternative and matching formats.

Criteria for evaluating the modular test in the academic discipline "Macroeconomics":

When evaluating the modular test, the volume and correctness of the completed tasks are taken into account:

- the grade "excellent" (A) is given for the correct completion of all tasks (or more than 90% of all tasks);
- the grade "good" (B) is given for the completion of 80% of all tasks;
- the grade "good" (C) is given for the completion of 70% of all tasks;
- the grade "satisfactory" (D) is given if 60% of the proposed tasks are completed correctly;
- the grade "satisfactory" (E) is given if more than 50% of the proposed tasks are completed correctly;
- the grade "unsatisfactory" (FX) is given if less than 50% of the tasks are completed.

Absence from the modular test work - 0 points.

The above grades are transformed into rating points as follows:

- "A" - 18-20 points;
- "B" - 16-17 points;
- "C" - 14-15 points;
- "D" - 12-13 points.
- "E" - 10-11 points;
- "FX" - less than 10 points.

The final semester assessment in the academic discipline "Macroeconomics" is a mandatory form of evaluating student learning outcomes. It is conducted within the period established by the academic schedule and covers the volume of material defined in the course syllabus.

The final assessment is administered in the form of an exam. A student is admitted to the exam only if all required coursework specified in the syllabus has been completed.

The final (semester) grade for a discipline assessed by examination consists of two components: the results of ongoing assessment and the exam grade.

The maximum number of points for ongoing assessment is 60, and the maximum for the exam is 40.

The minimum number of points required to pass the exam is 25.

The grade for ongoing assessment is formed as the sum of rating points earned by the student during seminar/practical classes and any incentive (bonus) points, if applicable.

After evaluating a student's exam responses, the instructor adds the exam score to the points earned for ongoing assessment to determine the final grade for the course.

Scale for the assessment of exam tasks

Scale	Total points	Criteria
Excellent level	30–40	The task is completed with high quality; the student has achieved the maximum score in the assessment of theoretical knowledge.
Good level	20–29	The task is completed with high quality and a sufficiently high proportion of correct answers.
Satisfactory level	10–19	The task is completed with an average number of correct answers; the student has demonstrated theoretical knowledge with significant errors.
Unsatisfactory level	0–9	The task is not completed; the student has demonstrated theoretical knowledge with major errors.

#### **Assessment of additional (individual) types of educational activities.**

Additional (individual) types of educational activity include student participation in scientific conferences, research societies and problem groups, preparation of publications, and other activities beyond the tasks defined in the syllabus of the academic discipline.

By decision of the department, students who engage in research work or complete certain types of additional (individual) educational activities may receive incentive (bonus) points for a specific educational component.

Incentive points are not mandatory and are not included in the standard point distribution table or the main assessment scale.

A single event may serve as the basis for awarding incentive points for only one educational component – the one to which it is most relevant.

#### **Assessment of independent work**

The total number of points earned by a student for completing independent work is one of the components of academic performance in the discipline. Independent work for each topic, in accordance with the course program, is evaluated within the range of 0 to 1 points using standardized and generalized knowledge assessment criteria.



Scale for evaluating the performance of independent work (individual tasks)

The maximum possible assessment of independent work (individual tasks)	Execution level			
	Excellent	Good	Satisfactory	Unsatisfactory
1	1	0,75	0,5	0

Forms of assessment include: ongoing assessment of practical work; ongoing assessment of knowledge acquisition based on oral responses, reports, presentations, and other forms of participation during practical (seminar) classes; individual or group projects requiring the development of practical skills and competencies (optional format); solving situational tasks; preparation of summaries on independently studied topics; testing or written examinations; preparation of draft articles, conference abstracts, and other publications; other forms that ensure comprehensive assimilation of the study program and contribute to the gradual development of skills for effective independent professional (practical, scientific, and theoretical) activity at a high level.

To assess the learning outcomes of a student during the semester, a 100-point, national and ECTS assessment scale is used

Summary assessment scale: national and ECTS

Total points for all types of learning activities	ECTS assessment	National scale assessment for exam, course project (work), internship	
		National scale assessment for exam, course project (work), internship	For pass/fail (credit)
90 – 100	A	excellent	pass
82 – 89	B	good	
75 – 81	C		
68 – 74	D	satisfactory	
60 – 67	E		
35 – 59	FX	unsatisfactory with the possibility of retaking	fail  unsatisfactory with the possibility of retaking
0 – 34	F	unsatisfactory with mandatory re-study of the discipline	fail  unsatisfactory with mandatory re-study of the discipline

**Discipline's Policy.**

- regularly attend lectures and practical classes;
- work systematically and actively in lectures and practical classes;
- catch-up on missed classes;
- perform the tasks required by the syllabus in full and with appropriate quality;
- perform control and other independent work;
- adhere to the norms of academic behaviour and ethics.

The academic discipline “Macroeconomics” requires adherence to the principles of ethics and academic integrity, with particular emphasis on preventing plagiarism in all its forms. All written assignments, reports, essays, abstracts, and presentations must be original, authored by the student, and not overloaded with quotations, which must be accompanied by references to primary sources. Violations of academic integrity include academic plagiarism, self-plagiarism, fabrication, falsification, copying, deception, bribery, and biased evaluation.

Student assessment is based on participation and activity in seminar/practical classes, completion of independent work tasks, and performance of assignments aimed at developing practical skills and competencies. Additional (bonus) points may be awarded for activities such as participation in round-table discussions, scientific conferences, or student research competitions.

**Methodological support of the academic discipline**

Teaching and methodological support for the discipline includes lecture notes, methodological guidelines for conducting practical (seminar) classes, and methodological recommendations for students' independent work in the academic discipline “Macroeconomics”.

**Recommended sources of information:****Basic literature:**

1. Analytical economics: macroeconomics and microeconomics. Textbook. Book 1 /Ed. S. Panchyshina and P. Ostroverkha. Lviv, Apriori, 2020.
2. Analytical economics: macroeconomics and microeconomics: textbook: in 2 books. / [C. M. Panchyshyn, P.I. Ostroverkh, I. V. Grabynska and others.] /Ed. S.M. Panchyshina and P.I. Ostroverkha. /5th ed., corrected. and add. L.: A priori, 2021. Kn. 1: Introduction to macroeconomics. Macroeconomics. 582 pp.
3. Bazhal Yu. M. Macroeconomics. Synopsis of lectures : education. manual. /Y.M. Wished. National University «Kyiv-Mohyla Academy». Electron. data. – Kyiv : NaUKMA, 2024. – 41 p.
4. Kulinich O. A., Androsova T. V., Velichko K. YU. Economic theory: method. recommendations. – 2024.113 pp. URL: <https://repo.btu.kharkov.ua/>
5. Makarenko M. AND. Macroeconomics: textbook /M. AND. Makarenko, T. O. Semenenko, Yu. M. Petrushenko. 2nd ed., revised. –Sumy: Sumy State University, 2021. – 307 p.

6. Macroeconomics: textbook /M. AND. Makarenko, T. O. Semenenko, Yu. M. Petrushenko. – 2nd ed., revised. Sumy: Sumy State University, 2021. 307 p.
7. Macroeconomics. Microeconomics: workshop /O. M. Kibik, E. IN. Redina, Yu. IN. Khaiminova et al. Odesa, 2020. 76 p.
8. Micro and macroeconomics: a study guide for students of the – bachelor's degree. Kyiv: KPI named after. Igor Sikorskyi, 2022. 325 p.  
URL:<https://ela.kpi.ua/server/api/core/bitstreams/c47643b5-463e-4128-8977-e88f7b96f947/content>
9. Panchyshyn S. M. Macroeconomics: a study guide. /Edition 4th, corrected and supplemented. Lviv: Publishing house «Apriori». 2022. 524 c.
10. Ushakova N. G., Fedorenko N. M., Kulinich O. A. Economic theory: test training. X: Publisher Ivanchenko I. S., 2021. 64 p.

**Additional literature:**

1. Ministry of Education and Science of Ukraine. URL: <http://mon.gov.ua/>
2. Official website of the Verkhovna Rada of Ukraine. URL: [www.rada.gov.ua](http://www.rada.gov.ua).
3. Official website of the State Statistics Committee of Ukraine. URL: <http://www.ukrstat.gov.ua>.
4. Official website of the Cabinet of Ministers of Ukraine. URL: <http://www.kmu.gov.ua>.
5. Official website of the Ministry of Economic Development and Trade of Ukraine. URL: [www.me.gov.ua](http://www.me.gov.ua)