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MACROECONOMICS

Syllabus

III 2.7

ECON-212

Speciality - 073 «Management»

Educational programs – «Information Technology Management»

Quarter/Year: Fall/2024

ECTS Credits: 6

Instructor: Prof. L. Zharova

US Credits: 3

Contact

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Prerequisites: microeconomics, macroeconomics

Course Description

This course will cover the area of economics commonly defined as macroeconomics. Macroeconomics studies the units of the economy which have relation with the whole economy or large units of economy. The main goal of macroeconomics is to gain a better understanding of the factors affecting the national economies, comprehending the causes of, and remedies for, unemployment and inflation, as well as the factors that affect economic development (business cycles, foreign direct investment, favourable economic climate, export/import and economic growth).

In particular, we will try to address the following type of questions:

- What drives economic growth? What explains the large differences in economic performance across different countries of different times? What is the role of policy in economic growth?
- What are the determinants of consumption and saving? How do they matter for both the long run and the short run?
- Why are people unemployed? What should the government do about unemployment?
- Why does macroeconomic activity fluctuate? How do different shocks and policies affect employment, output, investment and consumption over the business cycle?
- Should the government try to stabilize the economy against business-cycle fluctuations, and how? Is it better to restrict what the government can do even if it is fully benevolent, or should we give full discretion to the government?
- What causes financial crises? What is the role of financial markets in the macroeconomy?

We will shed light on all the above questions. However, do not expect a simple answer to any of these questions—there is no simple answer! Rather, what you should aim for is to develop a framework for studying these questions, along with some empirical guidance. We will review some of the key lessons research in macroeconomics has reached over the

years—lessons that will help you understand why certain policy questions remain the topic of hot debate in both the academic and the political arena

Course Outcomes

Upon successful completion of this course, students will be able to:

- PH1. Know personal rights and responsibilities as a member of society, be aware of the values of civil society, the rule of law, human and civil rights and freedoms in Ukraine.
- PH3. Demonstrate knowledge of theories, methods and functions of management, modern concepts of leadership.
- PH4. Demonstrate skills to identify problems and justify management decisions.
- PH5. Describe the content of the functional areas of the organization.
- PH7. Demonstrate organizational design skills.
- PH8. Apply management methods to ensure the effectiveness of the organization.
- PH9. Demonstrate skills of interaction, leadership, teamwork.
- PH12. Assess the legal, social and economic consequences of the organization.
- PH15. Demonstrate the ability to act socially responsibly and socially consciously on the basis of ethical considerations (motives), respect for diversity and interculturalism.

Competencies

- 3K1. Ability to realize their rights and responsibilities as a member of society, to understand the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.
- 3K4. Ability to apply knowledge in practical situations.
- 3K5. Knowledge and understanding of the subject area and understanding of professional activity.
- CK1. Ability to identify and describe the characteristics of the organization.
- CK6. The ability to act socially responsibly and consciously.
- CK8. Ability to plan the activities of the organization and manage time.

Internationality: This course based on studying and comparison of economies, analyzing their development or regress through time

Communications

For individual issues, students should contact the professor **ONLY** by given e-mail or by Moodle. In the Subject line they should put: UACUFirstNameLastName. E-mail messages will normally be answered within 24 hours.

Note! Only emails sent from the student's corporate email address will be answered.

Attention! Official and only language used for assessment activities is English. Official and only languages used for communication within the University are Ukrainian and English.

Student Responsibilities

Time Commitment

The study of technical courses is cumulative (i.e., an understanding of earlier material is necessary to grasp concepts covered later). Past experience has shown a high correlation between procrastination and low grades. Students must be committed to completing tasks on time.

Technical Aspects

The student is obliged to provide himself/herself with all the necessary technical equipment for the educational process (laptop or computer, webcam, headsets or headphones and microphone), as well as access to the Internet.

Only students signed-in with their own first and last name are allowed into video lectures in Zoom.

Grading Policy

The course is based on mastery of course outcomes. Student grades for this course will be calculated based on performance.

Note: the minimal grade to pass a subject is 60%

Graduate Grading Guidelines

The assignment of a letter grade for a course is an indication of the student's overall success in achieving the learning outcomes for the course. The course letter grade may be viewed as a summary statement of the student's achievement in individual assessments (assignments & activities). These assessments are intended to identify for students their strengths as well as those areas in need of improvement. Student work is assessed according to the guidelines below.

Course-level Grading guidelines:

Grade	ECTS Grade	International Grade
90% - 100%	A	5 (Excellent)
83% - 89%	B	4 (Very Good)
75% - 82%	C	4 (Good)
70% - 74%	D	3 (Good)
60% - 69%	E	3 (Acceptable)
35% - 59%	FX	Not acceptable, possible repetition of course

Criteria for grading:

ECTS grade	Requirements for the student
A	The student demonstrated a comprehensive systemic and in-depth knowledge of program material; processed basic and additional literature; obtained a solid grasp of the conceptual apparatus, methods, techniques and tools provided by the program; found creative abilities in the presentation of the educational program material both on this issue and on related modules of the course and related courses, or the student had a current control of 90-100 points
B	The student demonstrated good knowledge of program material; processed the basic literature, mastered the conceptual apparatus, methods, techniques and tools provided by the program, but with some inaccuracies
C	
D	The student showed mediocre knowledge of the core program material; learned information mainly from a lecture course or just
E	

	one textbook; mastered only certain methods, techniques and tools provided by the program
FX	The student has significant gaps in knowledge of the main program material; fragmentary mastered the basic concepts, techniques and tools; significant mistakes are made when using them

Maximum total possible points – 600 points incl. (Midterm and Final exam are 50% of the overall evaluation, where Midterm – 20% and Final – 30%)

Participation – 65 points

Assignments (homework) –130 points

Project – 35 points

Discussions – 70 points

Midterm exam – 100 points

Final exam – 200 points

Additional 20 points could be received for participation in the Conference (in case if the printed or online proceedings of the Conference and/or certificate will be provided)

Student Workload

It is assumed that for each out of 17 class sessions a student spends about 10.5 academic hours of work. This includes 3.5 academic hours of lectures with the instructor and 7 academic hours of personal work. Personal work includes homeworks, [project](#) preparation and preparation to the discussions .

Please pay attention that 1 academic hour equals to 40 minutes.

Assignment Format

- All work should be shown in time. If the student misses the deadline – the task is failed.
- Midterm covered topics from previous lectures (weeks 1-7). It included multiple choice questions and cases (essays) and took about 1 hour.
- The Final exam covered all course material and included multiple choice questions and cases (essays). It lasts for 1 hour. Admission to the Final exam is possible only if all the tasks of the curriculum are covered.
- After the Midterm and Final is graded a student has access to the grade only. Access to the attempt, corrects answers and information whether the answer is correct cannot be granted.

Academic dishonesty

· Academic integrity is submitting one's own work and properly acknowledging the contributions of others. Forms of academic dishonesty include:

1. Plagiarism — submitting all or part of another's work as one's own in an academic exercise such as an examination, a computer program, or written assignment.
2. Cheating — using or attempting to use unauthorized materials on an examination or assignment, such as using unauthorized texts or notes or improperly obtaining (or attempting to obtain) copies of an examination or answers to an examination. Including the use of artificial intelligence and pre-prepared answers to the questions of tasks is prohibited (unless otherwise specified in the task itself or allowed by the instructor).
3. Facilitating Academic Dishonesty — helping another commit an act of dishonesty, such as substituting for an examination or completing an assignment for someone else.

4. Fabrication — altering or transmitting, without authorization, academic information or records.

- Any violation of these rules constitutes academic dishonesty and is liable to result in a failing grade and disciplinary action. In case of any academic dishonesty a student is not allowed to continue or retake the assessment activity and for the Final the unsatisfactory grade (“0”) is assigned for the course total. Cases of the academic dishonesty are not considered by the Academic Council.

- Midterm and Final are valid only if they are taken on-campus (room defined by the dean’s office) and on UACU’s computer/laptop or online on the student’s computer/laptop using Zoom and other conditions defined by the dean's office to avoid the cases of academic dishonesty. Students who will not meet this requirement will be expelled from the course with grade “0”.

- In case of missed Midterm or Final exam (for a valid reason like sickness or an emergency) a request to repeat the exam is possible. Permit to repeat a midterm or final exam is done through a letter to the dean's office with request and approval of subject lecturer.

- Submission or retaking of any assessment activities after deadlines are forbidden.

Submission & Return Policy

Assignments must be submitted to the professor on or before the due date indicated in the Course Schedule. The assignments submitted after the due dates receive zero points.

**** NO MAKE –UP QUIZZES AND EXAMS ****

Schedule

Week	Research Projects	Assignments Due	Points
Lecture 1	Introduction to course <i>Basis of Economic theory</i> <i>TB 2 – p.14-19*</i>	Review Lecture Participation Homework	5 10
Lecture 2	Business Cycles and Circular Flow in Economics <i>Business Cycles</i> <i>The Components of the Macroeconomics</i> <i>TB 2 - p. 29-39</i> Discussion (Austrian School)	Review Lecture Participation Homework Discussion	5 10 10
Lecture 3	The Measurement and Structure of the National Economy <i>Definition of GDP, added value, the GDP and expenditures, nominal and real GDP</i> <i>Gross National Income and Gross National Product</i> <i>TB 1 - p.491 – 503</i>	Review Lecture Participation Homework	5 10

Lecture 4	The Measurement and Structure of the National Economy (cont) <i>Definition of GDP, added value, the GDP and expenditures, nominal and real GDP</i> <i>Gross National Income and Gross National Product</i> <i>TB 2 - p. 121-124</i> <i>TB 3 - p. 143-150</i> Discussion (Behavioral economics)	Review Lecture Participation Homework Discussion	5 10 10
Lecture 5	Savings and Investment <i>Savings and investments, the market for loanable funds (MLF), the MLF and policy changes</i> <i>TB 3 - p. 173 – 178</i>	Review Lecture Participation Homework	5 10
Lecture 6	Labor Market <i>Labor market, types of unemployment and economic fluctuation</i> <i>TB 1 - p.593-605</i> Discussion (Classical economics)	Review Lecture Participation Homework Discussion	5 10 10
Lecture 7	Consumer Price Index <i>Price level and CPI, the CPI and GDP deflator</i> <i>TB 1 – p. 514 – 525</i> Discussion (Institutional Economics)	Review Lecture Participation Homework Discussion	5 10 10
	Midterm 20% out of total amount of points for the course		120
Lecture 8	Money, the Monetary System and Determinants of Inflation <i>Definitions and role of money, a simple structure of monetary system, the central banks and the tools of monetary control</i> <i>TB 1 – p. 619-627</i>	Review Lecture Participation Homework	5 10
Lecture 9	Money, the Monetary System and Determinants of Inflation (cont) <i>Classical theory of inflation, classical dichotomy and the quantity equation</i> <i>TB 1 – p. 644 - 655</i> Discussion (Keynesian economics)	Review Lecture Participation Homework Discussion	5 10 10

Lecture 10	Open Economy and Exchange Rates <i>Main concepts in the context of open economies, net export capital flows and savings, nominal and exchange rates</i>	Review Lecture Participation Homework	5 10
Lecture 11	Exchange Rates (inflation and depreciation) <i>The purchasing power parity theory, determination of the nominal exchange rate</i> TB 1 – p. 671 - 690 Discussion (Marxism)	Review Lecture Participation Homework Discussion	5 10 10
Lecture 12	Economic fluctuations and the model of aggregate demand and aggregate supply. Monetary policy <i>Aggregate fluctuation, the model of AD and AS, the AD-AS model and economic fluctuation</i> TB 1 – p. 758-765	Review Lecture Participation Homework	5 10
Lecture 13	Banking system. Fiskal policy <i>The money demand, the interest rate and the price effect. Monetary policy</i> TB 1 – p. 758-765 TB 1 – p. 767 - 772 Discussion (Neoclassical economics)	Review Lecture Participation Homework Discussion	5 10 10
Lecture 14-15		Presentation	35
	Final 40% out of total amount of points for the course		180

*Information about the textbook is given below (also, they are uploaded on Moodle)

Recommended Materials

The macroeconomic [textbooks](#) (on Moodle)

(TB 1) N. Gregory Mankiw Principles of Economics 6th Edition (2010)·

(TB 2) Principles of Macroeconomics (2016) University Of Minnesota Libraries Publishing Edition

(TB 3) Principles of Macroeconomics 2nd Edition (2017)

The economic theory reading

Rostow, Walt Whitman. History, policy, and economic theory: essays in interaction. Routledge, 2019.

- https://books.google.com.ua/books?hl=uk&lr=&id=2iqNDwAAQBAJ&oi=fnd&pg=PT7&dq=evolution+of+economic+theory&ots=YJre7PL36_&sig=w1Cri2yCCuRP2xppjFHZjn382E&redir_esc=y#v=onepage&q=evolution%20of%20economic%20theory&f=false

Filippo Cesarano Economic History and Economic Theory (December 2006) Journal of Economic Methodology 13(4):447-467
- <https://www.researchgate.net/publication/24084355> Economic History and Economic Theory

·Helena Marques (2001) The "New" Economic Theories
- <https://www.researchgate.net/publication/24111490> The New Economic Theories

Additional reading

·Dräger, L., & Lamla, M. J. (2024). Consumers' macroeconomic expectations. *Journal of Economic Surveys*, 38(2), 427-451.

Abiad, A., & Qureshi, I. A. (2023). The macroeconomic effects of oil price uncertainty. *Energy Economics*, 125, 106839.

·Raza, H., Laurentjoye, T., Byrialsen, M. R., & Valdecantos, S. (2023). Inflation and the role of macroeconomic policies: A model for the case of Denmark. *Structural Change and Economic Dynamics*, 67, 32-43.

·Abaidoo, R., & Agyapong, E. K. (2023). Inflation uncertainty, macroeconomic instability and the efficiency of financial institutions. *Journal of Economics and Development*, 25(2), 134-152.

·Sebastian Gechert, Philipp Heimberger, (2022) Do corporate tax cuts boost economic growth?, *European Economic Review*, Volume 147, 104157, <https://doi.org/10.1016/j.eurocorev.2022.104157>.

Rogerson, R. (2024). Why Labor Supply Matters for Macroeconomics. *Journal of Economic Perspectives*, 38(2), 137-158.

* *The above schedule and procedures are subject to change in the event of extenuating circumstances.*

Протокол засідання кафедр № 4 від 27.08.2024 року

Проректор з навчально-методичної роботи



Л.І.Кондратенко

Завідувач кафедри



Л.В.Жарова

Викладач



Л.В.Жарова