



## Macroeconomics

### Syllabus

#### ПП 2.5

#### Specialty: 073 “Management”

#### Educational program “Information Technology Management”

Quarter/Year: Fall/2022

ECTS Credits: 6

Instructor: prof. Liubov Zharova

US Credits: 3

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Prerequisites: -

## Course Description

The course introduces you to traditional macroeconomic principles and tools and their applications in the new age and the wave of globalization. It will cover the area of economics commonly defined as macroeconomics. Macroeconomics studies the units of the economy which have a relation with the whole economy. The main goal of macroeconomics is to understand better the factors affecting the national economies, comprehend the causes of and remedies for unemployment and inflation, and the factors that affect economic development.

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

- What drives economic growth? What explains the significant differences in economic performance across different countries of different times? What is the role of policy in economic development?
- 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 entirely benevolent, or should we give complete 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! Instead, it would help develop a framework for studying these questions and some practical guidance. We will review some of the critical lessons research in macroeconomics has reached over the years - lessons that will help you understand why specific policy questions remain the topic of hot debate in both the academic and the political arena

## **Learning 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.

## **Competentes:**

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 is 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 two working days.

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

## **Student Responsibilities**

### **Time Commitment**

The study of technical courses is cumulative (i.e., understanding earlier material is necessary to grasp concepts covered later). 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) and access to the Internet.

Only students signed in with their own first and last names 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 minimum grade to pass a subject is **60%**.

### Graduate Grading Guidelines

The assignment of a letter grade for a course indicates 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 and 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;
C	processed the basic literature, mastered the conceptual apparatus, methods, techniques and tools provided by the program, but with some inaccuracies
D	The student showed mediocre knowledge of the core program material; learned information mainly from a lecture course or just one textbook; mastered only certain methods, techniques and tools provided by the program
E	
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 – **500 points** incl. (Midterm and Final exam are 60% of the overall evaluation, where Midterm – 20% and Final – 40%)

- Assignments (homework and work during the lectures) – 104 points
- Economic theory task – 49 points
- Project – 47 points
- Midterm exam – 100 points
- Final exam – 200 points

Additional points - 20 points for participating in the Conference (certificate, proceedings, or link on them should be placed on Moodle)

## **Student Workload**

It is assumed that for each out of 17 class sessions, a student spends about 10.5 academic hours of work. That includes 3.5 academic hours of lectures with the instructor and 7.0 academic hours of personal work. Personal work includes homework, studying recommended materials, preparing speeches and presentations.

Please pay attention: 1 academic hour equals 40 minutes.

## **Assignment Format**

- All work should be shown in time. If the student misses the deadline – the task is failed.
  - ✓ In the case of "Assignment" that requires uploading materials on Moodle - every day of delay will decrease the received grade by 10%.
  - ✓ For "Homework" quizzes, you will have two attempts and one week.
  - ✓ For the "Economic theory" tasks – presentation or participation in discussions in class is the only way for receiving the points. Uploading the presentations on Moodle is not the option for this type of work.
- Country Projects should be done in PPT and presented in class. The time limit for the presentation is 15 minutes. The deadline for uploading on Moodle is the end of the day when the presentation took place. (From 47 points for this task – 30 for a presentation itself, 10 – for the listening and commenting others).
- Midterm covered topics from previous lectures (weeks 1-6). It included multiple-choice questions and cases (essays) and took about **1hour**.
- 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.

## **Academic dishonesty**

Academic integrity is submitting one's own work and properly acknowledging the contributions of others. Any violation of this principle constitutes academic dishonesty and is liable to result in a failing grade and disciplinary action. 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.

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.
- 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	<b>Introduction to course</b> <i>Basis of Economic theory</i>	<i>Review Lecture</i> Homework	8
Lecture 2	<b>Data and its interpretation</b> <i>Data in Macroeconomics</i> <i>Types of data</i> <b>Discussion (Austrian School)</b>	<i>Review Lecture</i> <i>Homework</i>  Essay / Discussion	8  7
Lecture 3	<b>The Measurement and Structure of the National Economy</b> <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>Review Lecture</i>  Homework	8
Lecture 4	<b>The Measurement and Structure of the National Economy (cont)</b> <i>Definition of GDP, added value, the GDP and expenditures, nominal and real GDP</i> <i>Gross National Income and Gross National Product</i> <b>Discussion (Behavioral economics)</b>	<i>Review Lecture</i>  Homework  Essay / Discussion	8  7
Lecture 5	<b>Savings and Investment</b> <i>Savings and investments, the market for loanable funds (MLF), the MLF and policy changes</i>	<i>Review Lecture</i>  Homework	8
Lecture 6	<b>Labor Market</b> <i>Labor market, types of unemployment and economic fluctuation</i>	<i>Review Lecture</i>  Homework	8

	<b>Discussion (Classical economics)</b>	Essay / Discussion	7
<i>Lecture 7</i>	<b>Consumer Price Index</b> <i>Price level and CPI, the CPI and GDP deflator</i> <b>Discussion (Institutional Economics)</b>	<i>Review Lecture</i>  Homework Essay / Discussion	  8 7
<b>Sept 27</b>	Midterm 20% out of total amount of points for the course		100
<i>Lecture 8</i>	<b>Money, the Monetary System and Determinants of Inflation</b> <i>Definitions and role of money, a simple structure of monetary system, the central banks and the tools of monetary control</i>	<i>Review Lecture</i>  Homework	  8
<i>Lecture 9</i>	<b>Money, the Monetary System and Determinants of Inflation (cont)</b> <i>Classical theory of inflation, classical dichotomy and the quantity equation</i> <b>Discussion (Keynesian economics)</b>	<i>Review Lecture</i>  Homework  Essay / Discussion	  8  7
<i>Lecture 10</i>	<b>Open Economy and Exchange Rates</b> <i>Main concepts in the context of open economies, net export capital flows and savings, nominal and exchange rates</i>	<i>Review Lecture</i>  Homework	  7
<i>Lecture 11</i>	<b>Exchange Rates (Inflation and deprotection)</b> <i>The purchasing power parity theory, determination of the nominal exchange rate</i>  <b>Discussion (Marxism)</b>	<i>Review Lecture</i>  Homework  Essay / Discussion	  8  7
<i>Lecture 12</i>	<b>Economic fluctuations and the model of aggregate demand and aggregate supply &amp; monetary policy</b> <i>Aggregate fluctuation, the model of AD and AS, the AD-AS model and economic fluctuation</i> Monetary Policy	<i>Review Lecture</i>  Homework	  8
<i>Lecture 13</i>	<b>The banking system (Fiscal Policy)</b> <i>Fiscal policy, the multiplier, the crowding-out effect, advantages, and shortcomings of stabilizing policies.</i> <b>Discussion (Neoclassical economics)</b>	<i>Review Lecture</i>  Homework  Essay / Discussion	  8  7
<i>Lecture 14</i>	<b>Project</b>		47
<i>Lecture 15</i>			
	Final 40% out of total amount of points for the course		200

## Recommended Materials

*Recommended reading to each section will be uploaded on Moodle before the lecture.*

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

- N. Gregory Mankiw Principles of Economics 6<sup>th</sup> Edition (2010)
- Principles of Macroeconomics (2016) University Of Minnesota Libraries Publishing Edition
- Principles of Macroeconomics 2<sup>nd</sup> Edition (2017)

## 2. 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=w1Cria2yCCuRP2xppjFHZjn382E&redir\\_esc=y#v=onepage&q=evolution%20of%20economic%20theory&f=false](https://books.google.com.ua/books?hl=uk&lr=&id=2iqNDwAAQBAJ&oi=fnd&pg=PT7&dq=evolution+of+economic+theory&ots=YJre7PL36_&sig=w1Cria2yCCuRP2xppjFHZjn382E&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](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](https://www.researchgate.net/publication/24111490_The_New_Economic_Theories)

## 3. Additional reading

·Pasinetti, Luigi L. "Economic theory and institutions." Structural Change and Economic Dynamics (2020) -

[https://books.google.com.ua/books?hl=uk&lr=&id=rcPADwAAQBAJ&oi=fnd&pg=PP1&dq=economic+theory+keynes&ots=rYne32eLwv&sig=I-2Z6E2deWALFoinM3RIU0Fo\\_vA&redir\\_esc=y#v=onepage&q=economic%20theory%20keynes&f=false](https://books.google.com.ua/books?hl=uk&lr=&id=rcPADwAAQBAJ&oi=fnd&pg=PP1&dq=economic+theory+keynes&ots=rYne32eLwv&sig=I-2Z6E2deWALFoinM3RIU0Fo_vA&redir_esc=y#v=onepage&q=economic%20theory%20keynes&f=false)

·Zhao, Eric Yanfei, and Yong Li. "Institutions and Entrepreneurship: Broadening and Contextualizing the Institutional Theory in Entrepreneurship Research." Quarterly Journal of Management 4.2 (2019): 15-25 -

[https://www.researchgate.net/profile/Yong\\_Li45/publication/335012890\\_Institutions\\_and\\_Entrepreneurship\\_Broadening\\_and\\_Contextualizing\\_the\\_Institutional\\_Theory\\_in\\_Entrepreneurship\\_Research/links/5d4a2f3b4585153e5941443b/Institutions-and-Entrepreneurship-Broadening-and-Contextualizing-the-Institutional-Theory-in-Entrepreneurship-Research.pdf](https://www.researchgate.net/profile/Yong_Li45/publication/335012890_Institutions_and_Entrepreneurship_Broadening_and_Contextualizing_the_Institutional_Theory_in_Entrepreneurship_Research/links/5d4a2f3b4585153e5941443b/Institutions-and-Entrepreneurship-Broadening-and-Contextualizing-the-Institutional-Theory-in-Entrepreneurship-Research.pdf)

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

Протокол засідання кафедр № 4 від 23.08.2022 року

Проректор з навчально-методичної роботи



Л.І.Кондратенко

Завідувач кафедри



Л.В. Жарова

Викладач



Л.В.Жарова