

E012	Macroeconomics I	L	P	S	ECTS 5
		2	2	0	

Course objectives. To enable students to acquire the competencies necessary to independently carry out an analysis of economic behavior, investigate the causes of underlying macroeconomic issues and evaluate the effects of macroeconomic policy, primarily monetary and fiscal, on the behavior and performance of the economy. Within the course, students are encouraged to apply the holistic and modeling approach in analyzing economic phenomena and problems as well as in evaluating macroeconomic policy and performance.

Prerequisites. No prerequisites for graduate students of mathematics.

Course content.

1. Introduction to Macroeconomics. Economics. Microeconomics vs. macroeconomics. Economic theory and economic models.
2. Organization and behaviour of the economy. Measuring economic activities. GDP, welfare and happiness. Introduction to macroeconomic policy.
3. Macroeconomic issues: business cycles, unemployment, inflation and deficit.
4. Macroeconomic theories and basic models. The AS-AD model: graphical presentation and analysis. Leading macroeconomic paradigms. The goods market in the short run (the AE model) and the long run (the classical model): analysis (graphical and analytical) of the effects of macroeconomic policy, particularly fiscal, and other macroeconomic changes. Money and financial institutions. The bond market model. The money market model in the short and the long run: analysis (graphic and analytical) of the effects of macroeconomic policy, primarily monetary, and other macroeconomic changes.

LEARNING OUTCOMES

No.	LEARNING OUTCOMES
1.	Explain the underlying macroeconomic definitions and concepts.
2.	Calculate the values of the selected macroeconomic variables and critically evaluate the solutions obtained.
3.	Select and apply the appropriate macroeconomic model in solving specific macroeconomic tasks.
4.	Evaluate the effects of macroeconomic policy by using the appropriate macroeconomic models.
5.	Design an adequate macroeconomic policy for full employment.

RELATING THE LEARNING OUTCOMES, ORGANIZATION OF THE EDUCATIONAL PROCESS AND ASSESSMENT OF THE LEARNING OUTCOMES

TEACHING ACTIVITY	ECTS	LEARNING OUTCOME **	STUDENT ACTIVITY*	EVALUATION METHOD	POINTS	
					min	max
Attending lectures and exercises	0.5	1-5	Lecture attendance, discussion, team work and individual work on given tasks, brief exams	Attendance lists, tracking activities, tasks (individual, team)	2.5	5
Homework	0.5	1-5	Individual and team work on given tasks	Evaluation	2.5	5

Written exam (Mid-terms)	4	1-5	Preparing for written exam	Evaluation	46	90
Final exam (alternatively)	(4)	1-5	Revision	Written and oral exam	(46)	(90)
TOTAL	5				51	100

Teaching methods and student assessment. Within the time limit, classes (lecture and practice sessions) will be organized in a way that confronts theoretical assumptions with the results of empirical research and developments in the world and Croatia. In this context, students will be encouraged to actively participate in class discussions. Lecture and practice sessions are obligatory. Upon completion of the course, students can take the exam. Successful midterm exam scores, together with activity during the classes, may replace the final exam. Students can influence the grade by writing homework during the semester.

Can the course be taught in English: Yes

Basic literature:

1. Đ. Borozan, Makroekonomija, Ekonomski fakultet u Osijeku, Osijek, 2019.
2. O. Blanchard, Macroeconomics, 7th edition, Pearson, 2017.

Recommended literature:

1. N.G. Mankiw, Macroeconomics, The Dryden Press, Fort Worth, 9th edition, 2016.
2. I. Bičanić, M. Deskar-Škrbić, Makroekonomika I – za ekonomiste i neekonomiste s hrvatskim prijevodima, Arhivanalitika, Zagreb, 2018.
3. O. Blanchard, F. Giavazzi, A. Amighini, A.: Macroeconomics: A European Perspective, Financial Times/ Prentice Hall, 2011.
4. D. Romer, Advanced Macroeconomics, McGraw-Hill/Irwin, 4th edition, 2011.