

## Incoming student mobility

UNIOS University Unit: SCHOOL OF APPLIED MATHEMATICS AND INFORMATICS

### COURSES OFFERED IN FOREIGN LANGUAGE FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

Department or Chair within the UNIOS Unit	School of Applied Mathematics and Informatics
Study program	Graduate university study programme in mathematics (Master level) Branch: <ul style="list-style-type: none"> <li>Financial Mathematics and Statistics</li> </ul>
Study level	Graduate (master)
Course title	Macroeconomics II
Course code (if any)	E013
Language of instruction	English
Brief course description	<p>Syllabus.</p> <ol style="list-style-type: none"> <li>1. Macroeconomic theories and models. The goods and money markets in the short run: the IS-LM model. The AS and the labor market: models with flexible and rigid wages. Analytical derivation of the AS-AD model. Exogenous supply shocks. Analysis (graphical and analytical) of the effects of fiscal and monetary policy and other macroeconomic changes over time. Unemployment, inflation and expectations.</li> <li>2. Macroeconomics of the open economy: the goods market in the small open economy in the short run (the AE model) and the long run (the classical model). Analysis (graphical and analytical) of the effects of fiscal policy and other macroeconomic changes. Exchange rates and the foreign exchange market. Real exchange rate, macroeconomic policy and macroeconomic performance. The Mundell-Fleming model: the effects of monetary, fiscal and foreign trade policy in a fixed and flexible exchange rate system. Analytical derivation of the AD equation. Balance of payments: mobility and interest parity. Balance of payments adjustment. Policies for internal and external balance.</li> <li>3. Macroeconomic policy. Fiscal policy - synthesis (effects, state budget). Monetary policy - synthesis (effects, dilemmas, the Taylor rule).</li> </ol>

## ERASMUS+

EU programme for education, training, youth and sport

	4. Economic growth.
Form of teaching	Consultative teaching.
Form of 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.
Number of ECTS	5
Class hours per week	2+2+0
Minimum number of students	
Period of realization	Summer semester
Lecturer	Đula Borozan