

## Incoming student mobility

UNIOS University Unit: DEPARTMENT OF MATHEMATICS

COURSES OFFERED IN FOREIGN LANGUAGE  
FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

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| Department or Chair within the UNIOS Unit | Department of Mathematics  |
| Study program                             | Graduate university study programme in mathematics (Master level)<br>Branch: <ul style="list-style-type: none"> <li>Financial Mathematics and Statistics-obligatory</li> </ul>   |
| Study level                               | Graduate (master)  |
| Course title                              | Macroeconomics I   |
| Course code (if any)                      | E012   |
| Language of instruction                   | English  |
| Brief course description                  | <p>Syllabus.</p> <ol style="list-style-type: none"> <li>1. Introduction to Macroeconomics. Economics. Microeconomics vs. macroeconomics. Economic theory and economic models.</li> <li>2. Organization and behavior of the economy. Measuring economic activities. GDP, welfare and happiness. Introduction to macroeconomic policy.</li> <li>3. Macroeconomic issues: business cycles, unemployment, inflation and deficit.</li> <li>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.</li> </ol> |
| Form of teaching                          | Consultative teaching.   |

## ERASMUS+

EU programme for education, training, youth and sport

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| 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      | Winter semester   |
| Lecturer                   | Đula Borozan  |