Study programme(s): Mathematics (M3)				
Level: bachelor				
Course title: Mathematical Principles of Economics (M3-21)				
Lecturer: Zorana L. Lužanin, Nataša B. Spahić				
Status: elective				
ECTS: 5				
Requirements: none				
Learning objectives To introduce students to the basic mathematical models in microeconomics and macroeconomics. Students need to acquire knowledge necessary for understanding of the basic economic concepts and processes, as well as the knowledge necessary to understand advanced courses in economic - financial module.				
Learning outcomes Knowledge of general and basic economic principles, understanding of mathematical models and the impact of model parameters, performance of relevant economics conclusions based on the model. Students will acquire basic knowledge of economic theory and mathematical models of the economy as well as understanding of the strong connection between modern economic theory and mathematics, and the role of mathematics in the development of economic thought.				
Syllabus Supply and demand (how markets work, markets welfare), economics of public sector, the behaviour of companies, labour economics, the real economy in the long term, money and prices in the long term, macroeconomics of the open economies, economics fluctuation in the short term.				
Literature 1**.** N. G. Mankiw, Principles of economics, Belgrade, Publishing center of Economics Faculty Belgrade, 2008				
Weekly teaching load				Other: 0
Lectures: 4	Exercises: 0	Other forms of teaching: 0	Student research: 0	
Teaching methodology Lectures and colloquia.				
Grading (maximum number of points 100)				
Pre-exam obligations		**points**	**Final exam**	**points**
Colloquia		50	Oral exam	50