Study programme(s): Mathematics

Level: First level

Course title: Financial Economics 1

Lecturer: Jasna V.Atanasijević

Status: Assistant professor

ECTS: 7.5

Requirements: None

Learning objectives

To provide understanding of the role of finance and financial system for the economy, to help students to understand the functioning of the financial markets and prepare them for more advanced course in financial economics.

Learning outcomes

At the end of the course, the student should thoroughly master main definitions indispensable for understanding of the modern financial system and be able to use main models taught within the course to explain the behavior in the financial markets.

Syllabus

Theoretical instruction:

- Why studying finance?
- Money, Interest rate, yield to maturity, time structure of interest rate, risk structure of interest rate
- Securities market, efficient market hypothesis
- The basics of financial reporting and corporate financial performance measurement
- Economic analysis of financial system structure
- Banking business and main principles of bank management
- International financial system and currency market
- Money supply, monetary multiplication
- Monetary policy

Literature

1. Frederic S. Mishkin, *Monetarna ekonomija, bankarstvo i finansijska tržišta,* Datastatus, 2006
2. Milorad Ivanišević, *Poslovne finansije*, Ekonomski faklutet Beograd, 2012

Weekly teaching load				Other: 0
Lectures: 3	Exercises:3	Other forms of teaching:	Student research: 0	

Teaching methodology

Lectures apply conventional teaching methods, predominantly based on slideshow presentations. Lectures are combined with practical exercises. Practical exercises are designed around main topics covered by the theoretical lectures and aim to ensure understanding of main terms and concepts through problem solving and calculations based on definitions and models. Students' ability to apply the theoretical concepts learned in the course is verified through homework assignments consisted in team (3-5 students) research based on real practical case illustrating the theoretical concepts. Students are required to analyse and present in front of the class the analysed case, and to refer to studied concepts and models to explain the case. The pre exam test is consisted of exercises aiming to verify the understanding of main terms and concepts. The final exam is taken in written form, and the students are required to demonstrate a comprehensive understanding of the course material.

Grading (maximum number of points 100)

Pre-exam obligations	**Points**	**Final exam**	**points**
Presentation of the student's homework research	10	Oral exam	30
Test	60		