

# **NUMERICAL METHODS IN ECONOMICS (ECTS 5)**

## **GENERAL AND SPECIFIC GOALS**

### **General goals Specific goals 1**

Acquiring advanced knowledge in numerical methods and their application in economic theory

Since computers and information technology are increasingly important in all the activities, the course introduces and presents to the students numerical methods and techniques that can be used in economic analysis and more detailed exploration of economics theories than the theory alone.

2.

Students will develop their critical and analytical thinking

Through discussions, problem modeling and interpretation of solutions, students will learn how to make decisions based on analytical tools.

3.

Students will learn how to use technology for problem solving

Through using various software and tools students will solve real optimization problems and learn how to create a good interpretation.