

## NUMERICAL METHODS IN ECONOMICS (ECTS 5)

### GENERAL AND SPECIFIC GOALS

#### General goals

- 1 Acquiring advanced  
. knowledge in numerical  
methods and their  
application in economic  
theory
- 2 Students will develop  
. their critical and analytical  
thinking
- 3 Students will learn how to  
. use technology for  
problem solving

#### Specific goals

- 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.
- Through discussions, problem modeling and interpretation of solutions, students will learn how to make decisions based on analytical tools.
- Through using various software and tools students will solve real optimization problems and learn how to create a good interpretation.