

GAME THEORY

(ECTS 5)

GENERAL AND SPECIFIC COURSE GOALS

The main goal of the course is to introduce the basic concepts of game theory needed for the applications in economics (market competition, investment competition, competition in the international trade, monetary issues).

General course goals

- 1 Students will gain fundamental knowledge . in game theory.
- 2 Students will develop their critical and . analytical thinking

Specific course goals

Through lectures, exercises, readings and problem solving students learn two-person-zero-sum games, stationary games, repeated and dynamic games. All the topics are covered by business and economics examples.

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