

ECON-S-412 Game Theory with Applications to Economics (24 hrs lectures plus 12 hrs exercises)

Professor: Georg Kirchsteiger (Université Libre de Bruxelles)

Course Description: This course introduces into the analysis of strategic economic situations. Using examples from auction theory, bargaining theory, industrial organization and labor markets the students learn the main concepts used to analyze strategic problems. In particular, the course covers the analysis of static and dynamic games with complete and with incomplete information.

The lectures are accompanied by exercise classes.

Reading list:

Gibbons, R. (1992), A Primer in Game Theory, Prentice Hall.

Dixit, A., and B. Nalebuff (1991), Thinking Strategically, W.W. Norton and Company.