wir874 - Advanced Microeconomics

Module label              Advanced Microeconomics
Module code               wir874
Credit points             6.0 KP
Workload                  180 h

Used in course of study
- Master's Programme Business Administration, Economics and Law > Mantelmodule
- Master's Programme Business Informatics > Module der Wirtschafts- und Rechtswissenschaften (Master)

Contact person

Module responsibility
- Carsten Helm

Authorized examiners
- Die im Modul Lehrenden

Module counseling
- Jasper Meya

Entry requirements

Skills to be acquired in this module
- Students
  - understand the importance of incentive systems for economic processes and can analyze the effects of incentive systems;
  - have a firm knowledge in game theory and contract theory, and can address questions in the context of scientific discussion;
  - are able to apply methods from game theory and contract theory largely independently to the analysis of situations in which agents interact strategically;
  - are able to design incentive schemes – on their own and in teams – and to acquire knowledge on their own for this purpose and, to present their results, and to defend them in the scientific discourse.

Module contents

The first part of the module covers game theory. Game theory is an important method in economics to analyze strategic interactions of agents, e.g., on markets, in organizations or in bargaining situations.

The second part of the module covers contract theory that – according to the Nobel laureate Kenneth Arrow – has been "the most important development in economics in the last forty years": We work out the fundamentals of screenings, signaling and moral hazard and apply them to different topics, e.g., from labor economics, economic organization and management, law and economics as well as industrial economics.

In both parts, there is a tutorial. Here students largely independently apply the acquired knowledge to different situations of strategic interaction in economics and present their results.

Reader's advisory


Links

http://www.fiwi.uni-oldenburg.de/

Languages of instruction

German, English

Duration (semesters)

1 Semester

Module frequency

jährlich

Module capacity

unlimited

Modulelevel

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Modulart

je nach Studiengang Pflicht oder Wahlpflicht

Lern-/Lehrform / Type of program

Course or seminar / Course type

Comment   SWS  Frequency   Workload attendance
- Course or seminar
  - 4.00   WiSe
- Exercises
  - 0.00   --

Total time of attendance for the module

56 h