

IWH-DPE/CGDE

Advanced Microeconomics

Due to COVID-19, the lecture-format will be both in-class and online

I. Theory of Demand and Production (Day 1)

- a) Demand Theory
- b) Production

Date: 17.11.2020

Time: 14:00–17:30

Speaker: Dr Matthias Mertens, IWH

[Syllabus and Literature](#)

II. Market Structure, Competitive Markets, And Market Power (Day 2)

- a) Competitive Markets
- b) Market Power

Date: 24.11.2020

Time: 14:00–17:30

Speaker: Dr Matthias Mertens, IWH

[Syllabus and Literature](#)

III. General Equilibrium (Day 3)

- a) Externalities and General Equilibrium Theory

Date: 08.12.2020

Time: 09:00–12:30

Speaker: Professor Dr Martin Quaas, Leipzig University

[Syllabus and Literature](#)

IV. Dynamic Equilibrium and Welfare (Day 4)

- a) Intertemporal Optimization and Welfare Economics

Date: 22.12.2020

Time: 09:00–12:30

Speaker: Professor Dr Martin Quaas, Leipzig University

[Syllabus and Literature](#)

V. Uncertainty (Day 5)

- a) Expected Utility Theory, General Equilibrium Theory under Uncertainty

Date: 05.01.2021

Time: 14:00–17:30

Speaker: Professor Dr Heiko Karle, Frankfurt School of Finance & Management

[Syllabus and Literature](#)

VI. Games of Complete Information (Day 6)

- a) Simultaneous and Dynamic Games of Complete Information

Date: 12.01.2021

Time: 14:00–17:30

Speaker: Professor Dr Heiko Karle, Frankfurt School of Finance & Management

[Syllabus and Literature](#)

VII. Games of Incomplete Information (Day 7)

- a) Bayesian Games

Date: 26.01.2021

Time: 14:00–15:30

Speaker: Professor Shuo Xia, PhD, IWH and Leipzig University

[Syllabus and Literature](#)

VIII. Informational Economics (Day 8)

- a) Hidden Information Problem (screening, signalling)
b) Hidden Action Problem (moral hazard)

Date: 09.02.2021

Time: 14:00–17:30

Speaker: Professor Shuo Xia, PhD, IWH and Leipzig University

[Syllabus and Literature](#)

Venue

Halle Institute for Economic Research (IWH) – Member of the Leibniz Association, Kleine Maerkerstrasse 8, 06108 Halle (Saale), conference room (ground floor) and ZOOM.

Problem sets

There will be 8 assignments throughout the term. At the end of each Day, the lecturer will post assignments which are due on the last day before the next lecture (11.59 pm). We encourage all doctoral students to engage in group work.

Selected Textbook

Mas-Colell, A., Whinston, M. D., & Green, J. R. (1995). *Microeconomic theory* (Vol. 1). New York: Oxford university press.

You are expected to read the relevant chapters of the book covered in class. Additionally, the course draws from several other sources that you are expected to read, too.

To find lecture-specific reading lists, please follow the links above or visit the CGDE course page.