

EUI Ph.D. Programme 2018/2019

Advanced Industrial Organization

Syllabus

Web Site: <http://www.eui.eu/Personal/Calzolari/teaching.html> [to be activated]

Professor: Giacomo Calzolari (email: giacomo.calzolari@EUI.eu) [to be activated]

Office Hours: By appointment

Credits. Full credit.

Teaching Block III: 28 January – 29 March

Purpose of course. Students attending this course will acquire a thorough knowledge of how firms interact in non-competitive markets and how they may gain and exploit a competitive advantage. A general introduction will be provided, and some specific topics will be further explored (see list below). Two topics in particular will be covered: competition policy (its aims, how it works), the industrial organization of banking. Although the course is mainly based on models, empirical applications will be emphasized and discussed, with a focus to policy design.

List of topics (not all covered)

- Introduction and benchmark market structure and models (monopoly, oligopoly).
- Product differentiation
- Price discrimination
- Collusion
- Entry
- Innovation, R&D and patents
- Contracts and competition
- Privacy policies
- Platforms
- Competition policy
- Models of banks competition

Prerequisites. You are expected to be familiar with the material covered in the 1st year sequence of microeconomics.

Teaching method. There will be 10-14 lectures and students' presentations.

Examination policy. The grading will be based on a class presentation of a paper with a written referee report and a research proposal. Two modes are available: presentation-mode involves the following weights 60% presentation and report 40% research proposal; research-mode 40% presentation and report 60% research proposal.

Reading material. A very useful evergreen is *The Theory of Industrial Organization* (1988). Jean Tirole. MIT Press. For some topics also *Industrial Organization: Markets and Strategies* (2010). P. Belleflamme and M. Peitz. Cambridge University Press. Other material will be handed out during classes.