

## PARTICIPATION FEE

**Regular:** 2800 €

**Regulators, competition authorities and academics, and alumni:** 1400 €

**Early Bird discounted fees:** 2200€-1100€

## APPLICATION AND DEADLINES

Early-bird registration and payment deadline  
**March 30, 2018**

Registration and payment deadline  
**April 23, 2018**

**Course website:**

<https://www.barcelonagse.eu/study/professional-courses/quantitative-competition-analysis>

**Contact email:**

[professional.courses@barcelonagse.eu](mailto:professional.courses@barcelonagse.eu)

**Barcelona Graduate School of Economics**

Ramon Trias Fargas 25-27, 08005 Barcelona  
Catalonia-Spain

[www.barcelonagse.eu](http://www.barcelonagse.eu)  
+34 93 542 1224

The **Barcelona Graduate School of Economics** is one of the leading schools in postgraduate economic education promoting cutting-edge research and world-class international graduate programs in economics and related fields. The School enjoys close collaboration with its founding academic institutions (Universitat Pompeu Fabra, Universitat Autònoma de Barcelona, CSIC and CREI) in teaching and research as well as in the shared use of resources.

The Barcelona GSE offers one-year, full-time master programs that prepare students for doctoral study and provide solid training for top jobs both in the public and private sector. All programs are taught in English.

### Programs for 2018-2019:

#### Master Degree in Economics and Finance

- Economics
- Finance

#### Master Degree in Specialized Economic Analysis

- Competition and Market Regulation
- Economics of Public Policy
- International Trade, Finance, and Development
- Macroeconomic Policy and Financial Markets

#### Master Degree in Data Science

- Data Science Program

The Barcelona GSE also offers intensive, targeted short courses for researchers, professionals and graduate students.

#### Summer Schools 2018

(June 25 - July 6, 2018)

- Banking
- CREI Macroeconomics
- Competition
- Corporate Finance
- Data Science
- Labor Economics
- Macroeconometrics
- Microeconometrics

#### Professional Courses 2018

- Abuse of Dominance, March 14-16, 2018
- Competitive Effects of Mergers, Fall 2018
- Competition in Pharmaceuticals and Healthcare Services, Fall 2018

# INTENSIVE COURSE ON QUANTITATIVE METHODS FOR COMPETITION ANALYSIS

May 2-4, 2018



Graduate School of Economics



Mercè Rodoreda Building,  
site of the Barcelona Graduate School of Economics

## COURSE OVERVIEW

A team of leading academics and practitioners will walk you through the latest methods for analyzing competition cases.

The **Barcelona GSE Intensive Course on Quantitative Methods for Competition Analysis** provides participants (economists, lawyers and practitioners working for firms or in agencies) with a thorough understanding of recent empirical methods to measure market power and competition, with applications to market definition, merger analysis and damages from anticompetitive conduct.

The program's faculty includes some of the leading academic economists in the area of industrial organization and competition policy, and practitioners with extensive experience on quantitative methods in competition cases.

Course website:  
<https://www.barcelonagse.eu/study/professional-courses/quantitative-competition-analysis>

Contact email:  
[professional.courses@barcelonagse.eu](mailto:professional.courses@barcelonagse.eu)

## KEY BENEFITS:

- Review established and recent quantitative methods for competition analysis, with a proper balance between techniques and interpretation also accessible to non-economists.
- Learn about the practical considerations to apply techniques, based on the lessons from various recent cases where quantitative techniques have been applied.
- Learn to interpret and critically evaluate the empirical results from different approaches.
- Develop a good common sense of the advantages and disadvantages of different approaches, and the circumstances under which they are (not) suitable.
- Acquire a thorough understanding of the data requirements for applying various techniques.
- Illustrate how to implement merger simulation with standard software (Stata)
- NEW FOR THIS EDITION. Three practice sessions illustrate how to implement the econometric techniques with standard software (Stata), covering demand estimation, merger simulation and treatment effects.

## THE COURSE IS ADDRESSED TO:

Lawyers, economists, policy makers, consultants and managers working in the areas of competition policy and regulation in:

- Competition authorities
- Regulatory agencies
- Economic consultancy firms
- International organizations
- Other public institutions
- Corporations
- Law firms and courts
- Judiciary
- Academic institutions and research centers in competition law and economics

A limited number of places may be available for PhD students.

## COURSE SCHEDULE:

Session	Time	Professor
<i>Wednesday, May 2, 2018</i>		
Registration	09:00 - 09:30	
Introduction to market definition	09:30 - 11:00	Szabolcs Lorincz
Demand estimation I	11:30 - 13:00	Frank Verboven
Demand estimation II	14:30 - 16:00	Frank Verboven
UPP and calibrated merger simulation	16:30 - 18:00	Szabolcs Lorincz
Demand approaches to market definition	18:15 - 19:00	Frank Verboven
<i>Thursday, May 3, 2018</i>		
Merger simulation	09:30 - 11:00	Frank Verboven
Direct approaches to merger analysis I	11:30 - 13:00	Szabolcs Lorincz
Direct approaches to merger analysis II	14:30 - 16:00	Szabolcs Lorincz
Practice session (demand estimation)	16:30 - 18:00	Helena Perrone
Introduction to damages	18:15 - 19:00	Benoît Durand
<i>Friday, May 4, 2018</i>		
Direct approaches to merger analysis III	09:30 - 11:00	Benoît Durand
Estimation of damages in cartel cases	11:30 - 13:00	Benoît Durand
Practice session (merger simulation)	14:30 - 16:00	Helena Perrone
Practice session (treatment effect approaches)	16:30 - 18:00	Benoît Durand

## FACULTY:



**Frank Verboven**  
(PhD, University of Toronto)

Frank Verboven is Professor of Economics at the University of Leuven. He is Fellow of the CEPR (London) and a member of the Economy Advisory Group on Competition Policy at the European Commission. His research focuses on industrial organization and competition policy, with applications to the automobile market, telecommunications, pharmaceuticals and other sectors. He has advised the European Commission, several national competition authorities and leading companies on various cases, including mergers, cartels and damages, and vertical agreements. Some of his most recent research looks at the effects of the liberalization of the car distribution system, competition, entry regulation in professional services (pharmacies), and policy reform in higher education.



**Helena Perrone**  
(PhD, Toulouse School of Economics)

Helena Perrone is an assistant professor at Universitat Pompeu Fabra and is affiliated to the Barcelona GSE and the CEPR (Center for Economic Policy Research). Her main research interests are in empirical industrial organization and quantitative marketing, and her work has focused on demand estimation and how demand characteristics affect the pricing dynamics. She has published in top economics journals such as *Rand*, *Review of Economics and Statistics*, and *International Journal of Industrial Organization*. She has many years of experience teaching quantitative methods in competition policy at the graduate level.



**Szabolcs Lorincz**  
(PhD, University of Toulouse)

Szabolcs Lorincz is a competition economist working at the European Commission's Directorate General Competition. He is a member of DG Competition's Chief Economist Team which is responsible for giving guidance on economics, econometrics and various economic methodological questions relevant for the Commission's competition policy. Szabolcs is specialized in the application of quantitative, statistical and econometric methods to competition policy cases. In particular, he has extensive experience in applying these quantitative methods as well as general economic analysis to merger and antitrust cases. He has also contributed to drafting various Commission guidelines and policy-supporting papers (quantification of damages and passing-on, data room best practices).



**Benoît Durand**  
(PhD, Boston College)

Benoît Durand is Partner at RBB Economics, which he joined in 2008. He has over 20 years of experience in competition economics, particularly in applying quantitative techniques in the context of competition law investigations. Prior to joining RBB, he was Director of Economic Analysis at the UK's Competition Commission, and a member of the Chief Economist Office at the Directorate General for Competition at the European Commission. He was previously based in Washington DC, USA, where he worked in private practice. Benoît received his PhD in Economics from Boston College, USA.