# BSE

Barcelona School of Economics

A hub for graduate education and research in Economics and the social sciences



### Welcome

The Barcelona School of Economics (BSE) aims to promote the creation and transmission of frontier knowledge in Economics and related disciplines by consolidating Barcelona as a world-class center of research, academic education, and professional training, with the ultimate goals of informing policy and promoting economic and social wellbeing.

To achieve these objectives, we bring together four leading academic units, more than 150 affiliated professors as well as experienced practitioners from the private and public sectors, and of course, the many talented graduate students and professionals who study at BSE every year.

This brochure will introduce you to the Barcelona School of Economics community and to our research initiatives and study programs.

The Barcelona School of Economics would not be possible without the support and partnership of our Scientific Council, our Board of Trustees, and our sponsors. We thank them for helping us achieve all that we have so far and for all we will achieve together in the future.

Teresa Garcia-Milà

Paulina Beato
CHAIR OF THE BOARD



Teresa Garcia-Milà
DIRECTOR OF BSE

PhD, University of Minnesota (supervised by Christopher Sims, Nobel Laureate in Economics)

Expertise in macroeconomics, public economics, and regional economics

Began her career at SUNY Stony Brook (United States)

Professor at UPF since 1990; holds or has held positions at each of the BSE academic units

Advisor to public administrations and private enterprises



Paulina Beato
CHAIR OF THE BSE BOARD OF TRUSTEES

PhD, University of Minnesota

First female president of a Spanish public company

Has held leadership positions in the Banking Supervision Division of the IMF and the Sustainable Development Sector of the IDB

Member of the European Commission Expert Group on the design of electrical interconnections



### **Board of Trustees**

The Board of Trustees includes representatives of the founding academic institutions of the Barcelona School of Economics as well as private and public institutions and distinguished academics.

### Institutional board members



















### Academic board members

Salvador Barberà (Emeritus, UAB and BSE)

Andreu Mas-Colell (Emeritus, UPF and BSE)

Juan Rubio-Ramirez (Emory University)

Maria Paz Espinosa (EHU and UPV)

Roberto Serrano (Brown University)



Honorary President of the Board Joaquín Almunia

Former Vice President of the European Commission



## Scientific Council

The BSE Scientific Council is a group of leading international academics (including 9 Nobel Laureates in Economics) that provides strategic guidance and works with us to ensure the quality and performance of our academic and research activities.

### Scientific Council members

**Pol Antràs** Harvard University

Aloisio Araujo IMPA and FGV, Rio de Janeiro

Orley Ashenfelter Princeton University

**Chong-En Bai** School of Economics and Management, Tsinghua University

Oriana Bandiera London School of Economics

Marianne Bertrand University of Chicago Booth School of Business

Richard Blundell University College London

Janet Currie Princeton University

Partha Dasgupta University of Cambridge Mathias Dewatripont Université Libre de Bruxelles

Darrell Duffie
Stanford Graduate School of Business

Raquel Fernández

Penny Goldberg Yale University

Oliver Hart Harvard University NOBEL LAUREATE

James Heckman University of Chicago NOBEL LAUREATE

Bengt Holmström MIT NOBEL LAUREATE

**Tim Kehoe** University of Minnesota



Chair of the Scientific Council

Matthew O. Jackson

Professor of Economics at Stanford University (USA)

Anne Krueger Johns Hopkins University

Justin Yifu Lin National School of Development, Peking University

Robert Lucas University of Chicago NOBEL LAUREATE

Eric S. Maskin Harvard University NOBEL LAUREATE

Preston McAfee
Former Chief Economist of Microsoft

Roger Myerson University of Chicago NOBEL LAUREATE

**Juan Pablo Nicolini**US Federal Reserve Bank of Minneapolis

Lucreazia Reichlin London Business School John Roberts Stanford University

Alvin Roth
Stanford University
NOBEL LAUREATE

**Ariel Rubinstein** Tel Aviv University and NYU

Thomas J Sargent
New York University
NOBEL LAUREATE

Christopher Sims
Princeton University
NOBEL LAUREATE

Robert Solow MIT NOBEL LAUREATE

Nancy Stokey University of Chicago

Fabrizio Zilibotti Yale University



## Who we are

The Barcelona School of Economics is an institution for research and graduate education in Economics, Finance, Data Science, and related fields.

BSE was founded in 2006 by economist Andreu Mas-Colell to consolidate scientific cooperation between four established Economics departments and research centers in Barcelona. These are the four BSE academic units:

### Where we are

The Barcelona School of Economics is situated across two locations: the **Ciutadella Campus** of Universitat Pompeu Fabra (UPF) and the **Bellaterra Campus** of Universitat Autònoma de Barcelona (UAB).

### Academic units of the Barcelona School of Economics













## **Affiliated Professors**

Barcelona School of Economics Affiliated Professors are tenured or tenure-track members of the BSE academic units.

BSE Affiliated Professors form the core of all of our research and educational activities:

Direct and teach in BSE academic programs

Organize international research events such as the BSE Summer Forum

Serve in leadership roles that shape the evolution of the Barcelona School of Economics at the institutional level.

### Awards, grants, and honors



Competitive International Funding from entities such as the European Research Council (ERC)



Fellows of the Econometric Society, European Economic Association, CEPR, Cesifo and NBER



Major Awards such as the Rei Jaume I Prize and the Spanish National Research Prize



For the latest grant and publication stats for BSE Affiliated Professors, see our fact sheet at the center of this brochure

### Publications in top journals



AMERICAN ECONOMIC REVIEW

ECONOMETRICA

JOURNAL OF POLITICAL ECONOMY

**QUARTERLY IOURNAL OF ECONOMICS** 

**REVIEW OF ECONOMIC STUDIES** 



### Research

BSE is working to transform Barcelona into one of the European and global centers of economic thinking.

To fulfill this vision, we strive to attract and retain top talent from all over the world, and to surround it with an environment where new ideas can be nurtured and shared with leading international economists.

As you browse through our brochure, keep an eye out for the various recognitions that our research has received in the international sphere, and for the different initiatives that the BSE is undertaking to ensure this continues to be the case!



Alberto Martin
BSE DEPUTY DIRECTOR FOR RESEARCH

PhD, Columbia University

Senior Researcher at CREI

Adjunct Professor at UPF

Research Fellow at CEPR

Recipient of a European Research Council Advanced Grant (2021) and Consolidator Grant (2013)

Experience at IMF, UNDP, and Argentina's Ministry of Economics

Fulbright Fellow (2000)

Alberto Martin
BSE DEPUTY DIRECTOR FOR RESEARCH



## Research excellence

One of BSE's main objectives is to make Barcelona a worldwide primary reference in Economics research.

We have worked toward this ambitious goal together with our research community, and the results speak for themselves:

### Ranked consistently among top institutions

#1

**Economics Institution in Spain** 



**TOP** 

**Economics Department in Europe** 



**TOP 9** 

**Economics Department in the World** 



SOURCE: REPEC AUGUST 2023 (RESEARCH PAPERS IN ECONOMICS)



For our latest rankings and impact factors, see the fact sheet at the center of this brochure.

### Severo Ochoa Excellence Accreditation

The Barcelona School of Economics has been distinguished as a Severo Ochoa Research Center of Excellence.

This accreditation is awarded by Spain's State Research Agency (AEI) to those institutions that are defining the global scientific debate across all disciplines.

BSE is the only Economics institution to receive this distinction in all three editions of the Severo Ochoa Program to date (2012-15, 2016-19, and 2020-23).

Each edition of the Severo Ochoa program provides €4M in funding over four years to promote frontier research.



2020-23



# Attracting and retaining research talent

The distinctions of **BSE Research Professor** and **BSE Associate Research Professor** are joint appointments between the Barcelona School of Economics and one of our academic units. The appointments aim to increase the critical mass of top scientists at BSE.

The BSE Research Endowment is exclusively dedicated to supporting these appointments.

Other funds complement the appointments.

### Research endowment

€13 M

Institutional Contributions

### Institutional contributors





### Acknowledgement and support for research by all BSE Affiliated Professors

**Research Recognition Program** for publication in a list of international economic journals of high impact

Seed Grants Program to support scientific development, in particular for junior researchers



### Research activities

The continuous support of all our public and private sponsors has allowed us to develop BSE research initiatives with increasing international visibility and impact.



The BSE Summer Forum is our marquee research event of the year.

The Summer Forum is a series of independent workshops that brings together hundreds of top researchers from around the globe to debate the present and future of the frontier of knowledge in Economics.

With each edition, the BSE Summer Forum has grown in participation by top researchers, selectivity of papers chosen for each workshop, and reputation as the summer meeting point in Europe for colleagues with common research interests.

### **BSE Summer Forum**



Hundreds of researchers from institutions world-wide



Dozens of workshops across the spectrum of research topics



Barcelona, the summer meeting point in Europe for economists



### Calvó-Armengol International Prize in Economics

Promoted with Govern d'Andorra



The **Calvó-Armengol Prize** is awarded every two years by the Barcelona School of Economics and the Government of Andorra to a top researcher in Economics or social sciences younger than 40 years old for contributions to the theory and comprehension of the mechanisms of social interaction.

The Prize honors the memory of BSE Affiliated Professor and ICREA-UAB Professor Antoni 'Toni' Calvó-Armengol.

The recipient of the Calvó Prize delivers a lecture on the occasion of the award ceremony in Andorra, as well as the "Calvó-Armengol Lecture" in Barcelona. The Prize includes a cash award of €30,000.



### An indicator for future Nobel Prize recipients

Esther Duflo (MIT) was the first recipient of the Calvó-Armengol Prize (2010). Nine years later, she shared the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel.

### **BSE Lecture Series**

Organized with Banc Sabadell



The BSE Lecture Series brings some of the world's leading scholars and economists to the city to share their research with our community.



## BSE Fact Sheet: Students and Alumni

### Student Profile

278

MASTER'S STUDENTS (2023-24)

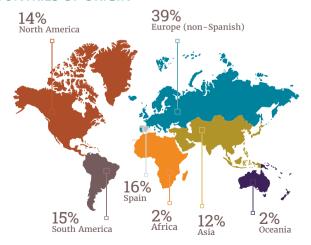
57 nationalities represented

90% international students

Average age: 26 years

Most common academic backgrounds: Economics, Finance, STEM fields

#### STUDENT COUNTRIES OF ORIGIN



### Career Placement

95% PLACEMENT SUCCESS RATE (2021-22)

196 out of 207 students started a job or post- grad program within 6 months of graduating

95% success rate for those seeking entry to a PhD or post-graduate program Aerage age: 25 years

Graduates placed in 29 countries

### PROFESSIONAL PLACEMENTS BY SECTOR





# BSE Fact Sheet: Faculty and Research

### **Faculty Profile**

156 BSE AFFILIATED PROFESSORS

26 nationalities represented (49% from outside Spain)

100% hold a PhD (79% from institutions outside Spain)

18 BSE Research Professors

7 Associate Research Professors

### **Impact**

1,300+ WORKING PAPERS

63 researchers with H-index>9\*

91 researchers with H-index>6\*

### **Grants and Fellowships**

**44** EUROPEAN RESEARCH COUNCIL GRANTS

19 Starting Grants

13 Consolidator Grants

12 Advanced Grants

17 ICREA RESEARCH PROFESSORS

15 JUAN DE LA CIERVA / RAMÓN Y CAJAL FELLOWS

### Rankings

тор **1** 

ECONOMICS INSTITUTION IN SPAIN

TOP

3

ECONOMICS DEPARTMENT
IN EUROPE

TOP 10 ECONOMICS DEPARTMENT IN THE WORLD

\*H-index by Scopus as of August 2023

Rankings by RePEc as of August 2023



# PhD programs

There are two doctoral programs in the Barcelona School of Economics research community.

### PhD programs in the BSE research community

Graduate Program in Economics, Finance and Management (GPEFM)



International Doctorate in Economic Analysis (IDEA)



### **Barcelona School of Economics PhD Jamboree**

The **BSE PhD Jamboree** is a two-day workshop organized and led by the students. It is an opportunity for them to practice presenting their work, to exchange ideas, and to receive feedback from the entire BSE PhD community.

Launched in the early 1990s, GPEFM and IDEA are leading PhD programs with established academic reputations and a track record of placements in Economics departments, central banks, and research institutions around the world.

Today, both of these PhD programs are organized jointly with the Barcelona School of Economics.

The PhD Track of the BSE Master's Degree in Economics and Finance is the first year of the UPF PhD program.

Alumni from several BSE Master's programs have gone on to pursue their PhD at UAB-IDFA.



# Academic programs

Master's programs at the Barcelona School of Economics combine theoretical, quantitative and applied perspectives to deliver a thorough grounding for entry into top analytical jobs and competitive doctoral programs. The Master's are designed and delivered by internationallyrenowned professors and experts who are part of frontier research.

This research-driven Master's places BSE students at the very forefront of Economics.



Ada Ferrer-i-Carbonell
BSE DEPUTY DIRECTOR FOR ACADEMIC PROGRAMS

PhDs in Economics from the Rensselaer Polytechnic Institute (USA) and the Tinbergen Institute (University of Amsterdam)

Tenured Scientist at IAE-CSIC

Research Fellow of IZA (Institute for the Study of Labor)

Member of MOVE (Markets, Organizations and Votes in Economics) and INSIDE (Insights on Immigration and Development)

Director of the BSE Master's Program in the Economics of Public Policy

Ada Ferrer-i-Carbonell
BSE DEPUTY DIRECTOR FOR ACADEMIC PROGRAMS



# Master's degrees

The Barcelona School of Economics offers programs of study leading to three different Master's degrees:

Master's Degree in Economics and Finance

Master's Degree in Specialized Economic Analysis

Master's Degree in Data Science

Students complete a specific program of study in order to earn the corresponding Master's degree.

All programs run full-time, face-to-face from September through July (9 months, 60 ECTS).

English is the lingua franca of all BSE academic programs.

This makes our programs attractive to international candidates as well as local students who want an international experience close to home.

### Master's Degree in Economics and Finance

#### **ECONOMICS PROGRAM**

Marta Reynal-Querol (PhD, London School of Economics), Director

Eulàlia Nualart (PhD, École Polytechnique), Deputy Director

#### FINANCIAL ECONOMICS PROGRAM

Filippo Ippolito (PhD, Saïd Business School - Oxford), Director

Steering Committee:

Xavier Freixas (PhD, Université de Toulouse)

losé-Luis Peydró (PhD, INSEAD)

### PHD TRACK PROGRAM

Davide Debortoli (PhD, Universitat Pompeu Fabra), Director

### Accreditation



BSE Master's are recognized as "Official Master's Degrees" by the Catalan and Spanish Education authorities within the framework of the Bologna Process.

The Barcelona School of Economics has received institutional accreditation from the Catalan University Quality Assurance Agency (AQU).



### Master's Degree in Specialized Economic Analysis

### COMPETITION, REGULATION AND MARKETS PROGRAM

Rosa Ferrer (PhD, Vanderbilt University), Director

Massimo Motta (PhD, Université Catholique de Louvain), Scientific Director

### ECONOMICS OF ENERGY, CLIMATE CHANGE AND SUSTAINABILITY PROGRAM

Mar Reguant (PhD, MIT), Director

Albert Banal-Estañol (PhD, UAB), Deputy Director

### **ECONOMICS OF PUBLIC POLICY PROGRAM**

Ada Ferrer-i-Carbonell (PhD, University of Amsterdam), Director

Joan Llull (PhD, CEMFI), Scientific Director

Lídia Farré (PhD, European University Institute), Scientific Director

### INTERNATIONAL TRADE, FINANCE AND DEVELOPMENT PROGRAM

Jaume Ventura (PhD, Harvard University), Director

Fernando Broner (PhD, MIT), Scientific Director

### MACROECONOMIC POLICY AND FINANCIAL MARKETS PROGRAM

Hugo Rodríguez Mendizábal (PhD, University of Chicago), Director

Albert Marcet (PhD, University of Minnesota), Scientific Director

### Master's Degree in Data Science

#### DATA SCIENCE FOR DECISION MAKING PROGRAM

Hannes Mueller (PhD, London School of Economics), Director

Steering Committee:

Christian Fons-Rosen (PhD, London School of Economics)

David Rossell (PhD, Rice and MD Anderson Cancer Center)

### DATA SCIENCE METHODOLOGY PROGRAM

David Rossell (PhD, Rice and MD Anderson Cancer Center), Director

Steering Committee:

Christian Brownlees (PhD, University of Florence)

Gábor Lugosi (PhD, Hungarian Academy of Sciences)

Lorenzo Cappello (PhD in Statistics, Bocconi University)

### **Class profile**

Outstanding academic performance

Diverse undergraduate backgrounds

Around 85% international students



For student profiles in the most recent cohort, see the fact sheet at the center of this brochure



# A world of career opportunities

Graduates of the Barcelona School of Economics apply the knowledge and training they receive during their Master's in a wide range of professional and academic careers. Recruiters know they will find talented, skilled candidates at BSE, which is why many of them return year after year.

### Consistent career success

Every year, over 95% of BSE students obtain a job or enter a post-graduate program related to their studies within 6 months of graduating.

### **EMPLOYERS CHOSEN BY MOST BSE STUDENTS**

Authorities and government agencies

Central banks

Commercial and investment banks

Consulting firms

International organizations

Research institutions

BSE Alumni are working and studying in dozens of countries all over the world.



For the most recent career and alumni data, see the fact sheet at the center of this brochure.

### **BSE Career Services**



**ONE-TO-ONE CAREER COUNSELING SESSIONS** 



CAREER DEVELOPMENT TRAINING AND WORKSHOPS



**RECRUITER EVENTS ONLINE AND ON CAMPUS** 



ACCESS TO EXCLUSIVE CAREER PORTAL AND INDUSTRY RESEARCH

### **BSE Alumni Network**

A global community of BSE Master's graduates

Alumni chapters on 5 continents

Participation in BSE academic and career activities

A lifelong connection with faculty and students



# Continuing education programs

In addition to our flagship Master's programs, we offer shorter programs that are ideal for researchers and professionals who want to explore specific knowledge areas and acquire advanced skills at the Barcelona School of Economics.

These courses connect participants with the latest research, insights, and techniques from leading academics and practitioners. They also provide a valuable opportunity to network with colleagues from all over the world.

The level of the courses is similar to those offered in our Master's programs. Courses are held in face-to-face and online modalities at different times throughout the year.

# Knowledge areas covered Banking Energy Economics Competition Economics Finance Data Science Labor Economics Development Economics Macroeconometrics Digital Economy Microeconometrics

Courses on other topics can be designed on request

### Our continuing education offer



Our Summer School programs have been running for more than 15 years.

1-4 weeks in June/July

Participants can mix and match courses across programs

### **INTENSIVE COURSES**

Deep dive on one specific topic

Duration varies by course

#### **IN-COMPANY TRAINING**

Content tailored for companies and organizations

Delivery compatible with day-to-day workload



# **Sponsors**





















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