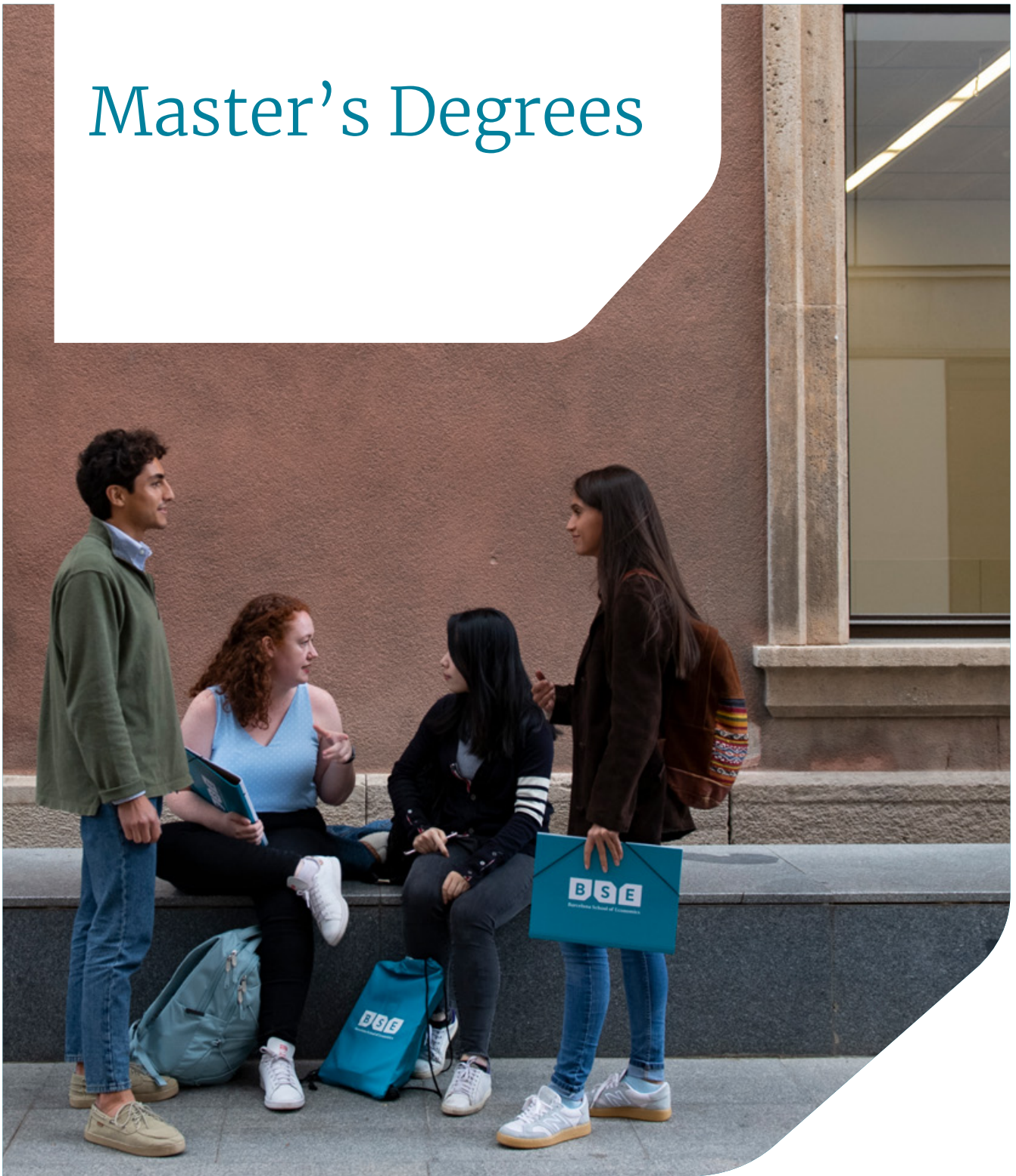


# Master's Degrees



# Welcome to the Barcelona School of Economics



Teresa Garcia-Milà

PhD, University of Minnesota  
Director of the BSE



Ada Ferrer-i-Carbonell

PhD, University of Amsterdam  
Deputy Director for Academic Programs

The Barcelona School of Economics offers full-time Official Master's Degrees taught in English by leading international scholars and practitioners in one of the world's most dynamic cities.

Our dual theoretical and applied approach makes our Master's an ideal stepping stone either for entry into competitive PhD programs or for top jobs in Economics and related fields. Barcelona School of Economics graduates fill a need in today's knowledge-based economy, as shown by the excellent placements of our graduates.

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  - Economics of Energy, Climate Change, and Sustainability Program
  - Economics of Public Policy Program
  - International Trade, Finance and Development Program
  - Macroeconomic Policy and Financial Markets Program
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# Why Get Your Master's at BSE?



**Watch a video**  
with our students



Reading on your device? Click the buttons you see throughout this brochure to watch videos and read detailed program information on our website.



— *“If you are looking for a combination of a rigorous training in Economics, a stimulating environment with day-to-day interactions between faculty and students, and a wonderful city to explore, you are really left with only one choice: Barcelona School of Economics.”*

Dr. Pol Antràs '99 - Economics

PhD, Massachusetts Institute of Technology. Professor, Harvard University



# Teaching Faculty

All BSE Master's programs are designed and taught by BSE Affiliated Professors, so you will have regular, direct contact with leading researchers and instructors in their field. BSE professors are very approachable and will be happy to share and discuss ideas with you.

In addition to our established academic community, top academics and practitioners from around the world are also invited to teach in the BSE Master's programs as guest professors.

## Rankings

**TOP 5** Economics Department in Europe (RePEc)

**TOP 10** Economics Department in the World (RePEc)

**TOP 100** QS World University Rankings 2022 for Economics and Econometrics

## Faculty

151 Affiliated Professors

31 Nationalities

35 ERC Grants

100% hold a PhD

***“We interact with each other and the result of that interaction implies levels of employment, levels of income and sometimes this interaction yields outcomes that are not preferable from a societal point of view.”***

**Hugo Rodríguez Mendizábal '22** - (PhD, University of Chicago)  
Program Director, Macroeconomic Policy and Financial Markets

# Student Profile

## Master's Class Profile 2021-2022

51 countries

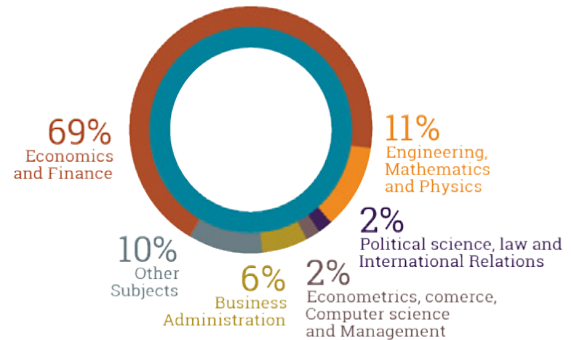
248 students

25 years (average age)

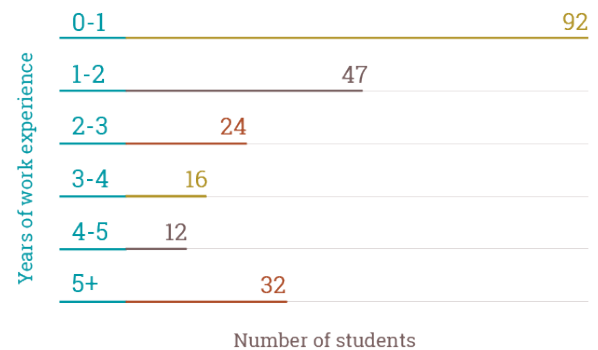
*“The program facilitated intense teamwork which truly acted as a “catalyst” for learning. I gained important knowledge through interacting with my classmates, who came from a wide range of academic backgrounds. They motivated me throughout the program and collaborating with them made the whole year a lot of fun as well.”*

Aaron Pap '20 - Data Science Methodology  
Data Scientist, QuantCo (Munich, Germany)

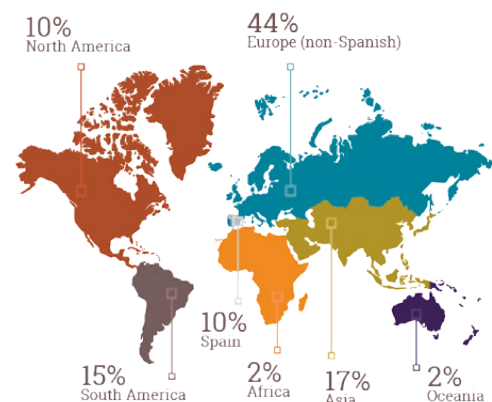
## Academic background



## Previous work experience



## Countries of origin





# Master's Degree in Economics and Finance





# Economics Program

The BSE Economics Program prepares students for technically demanding jobs and doctoral programs with a strong quantitative component. During the program, students develop critical-thinking skills, gain an understanding of both economic theory and statistical techniques, and obtain a solid background in Macroeconomics and Microeconomics along with an understanding of their applications, with a special focus on data analysis.

**201 out of 218 students  
(93%) placed within 6 months  
of graduation**

\*Data taken from last 3 cohorts

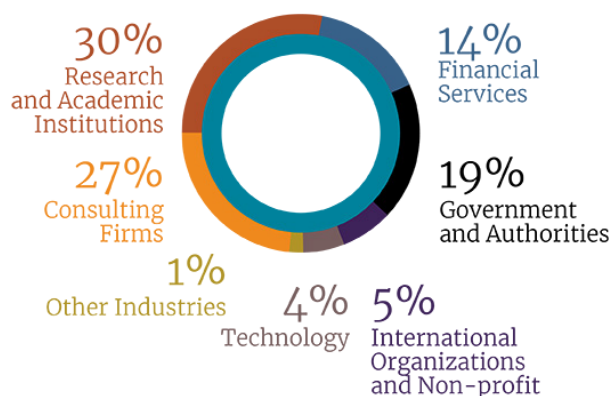
Program Director

**Marta Reynal-Querol** (ICREA-UPF and BSE)  
PhD, London School of Economics

Deputy Director

**Eulàlia Nualart** (UPF and BSE)  
PhD, Ecole Polytechnique Fédérale  
de Lausanne

Recent professional placements by industry



View course syllabus  
and full program details  
by **clicking here**



Examples of first placements  
after graduation

- Accenture, Data Analyst
- Bank of England, Analyst
- Compass Lexecon, Analyst
- OECD, Traineeship
- The Brattle Group - Research Analyst



Degree awarded upon completion:  
Master's Degree in Economics and  
Finance (awarded jointly with UPF)

# Financial Economics Program

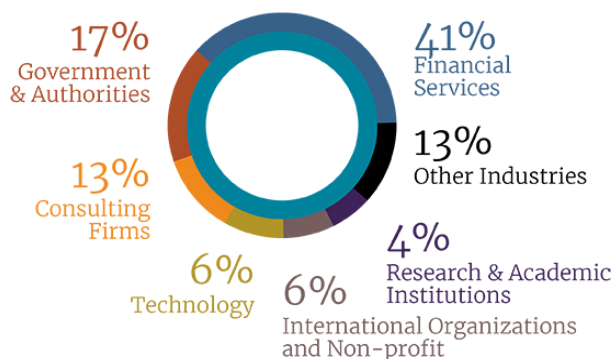
The BSE Financial Economics Program builds on the School's outstanding faculty in Finance, Economics, Econometrics and Data Science. The program is aimed at students that seek an interdisciplinary approach that combines Finance and Economics. It is designed to give students the strong modeling techniques, econometric tools, and advanced coding skills needed for the top jobs in banking, consulting and fintech. The Financial Economics Program is built around three pillars:

- Concepts: Acquire an in-depth understanding of the theory of Finance and Economics
- Modeling: Learn how to construct and implement financial models
- Data analysis: Apply Econometrics, Statistics and Data Science techniques to analyze complex financial data.

**58 out of 62 students  
(94%) placed within 6 months  
of graduation**

\*Data taken from last 3 cohorts

Recent professional placements by industry



Program Director

**Filippo Ippolito** (UPF and BSE)  
Saïd Business School (Oxford University)

Steering Committee

**Xavier Freixas** (UPF and BSE)  
PhD, Université de Toulouse

**José-Luis Peydró**

(ICREA-UPF and BSE) PhD, INSEAD

View course syllabus  
and full program details  
by **clicking here**



Examples of first placements  
after graduation

- Bank of England, Junior Economist
- Bloomberg, Analyst
- European Investment Bank, Traineeship
- Oxera, Senior Consultant
- PwC, Graduate Programme



Degree awarded upon completion:  
Master's Degree in Economics and  
Finance (awarded jointly with UPF)

# PhD Track Program

Launched in 1993 and currently organized jointly by the UPF Department of Economics and Business and BSE, the UPF PhD Program attracts students of exceptional talent and provides a strong foundation, a stimulating environment, and worldwide placement in the most prestigious institutions, research centers, and universities.

The PhD Track Program is Year 1 of the UPF PhD. Upon completion of the PhD Track Program, graduates are awarded the BSE Master's Degree in Economics and Finance and proceed to Year 2 of the PhD.

## UPF PhD program structure

### Year 1

Compulsory core courses in Econometrics, Microeconomics and Macroeconomics (BSE PhD Track Program).

### Year 2

Coursework that prepares students to conduct research (UPF Master of Research - MRes).

### Year 3-5

Research and PhD dissertation.

*This stage typically lasts 4 years, but shorter and longer intervals are not uncommon.*

### Program Director

**Jose Apesteguia** (ICREA-UPF and BSE)  
PhD, Universidad Pública de Navarra

View course syllabus  
and full program details  
by **clicking here**



AGU Catalunya registered on EQAR

Degree awarded upon completion:  
Master's Degree in Economics and  
Finance (awarded jointly with UPF)



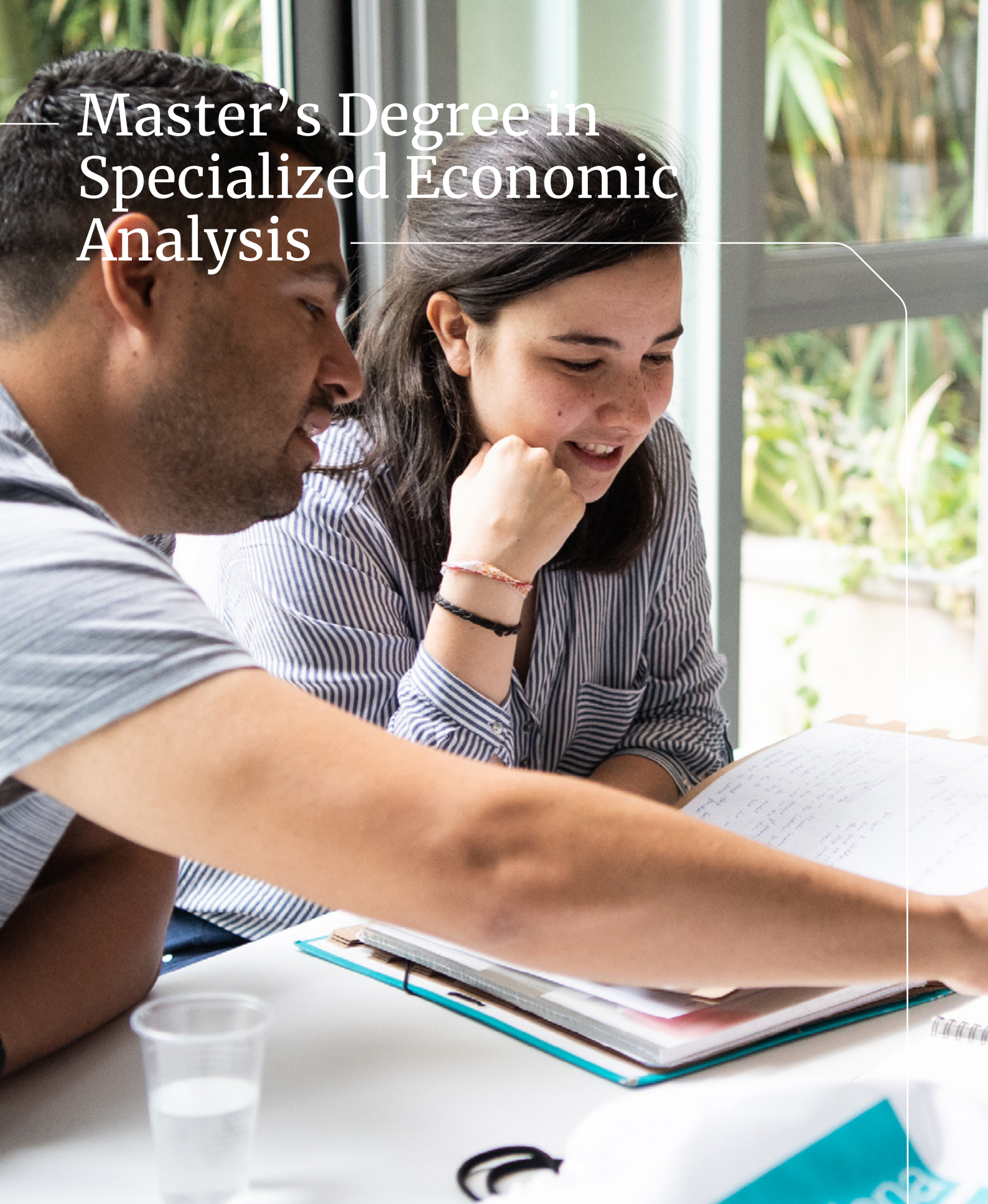
*“I learned about the topics being discussed in policy right now and the methodologies being used by experts and authorities.”*

Elisa Green '21 - Master's Degree in Specialized Economic Analysis:  
Competition, Regulation, and Markets Program  
Consultant, Oxera Consulting LLP (London, UK)





# Master's Degree in Specialized Economic Analysis



# Competition, Regulation, and Markets Program

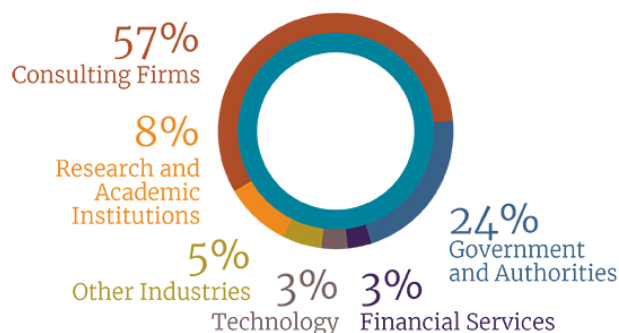
The highly practical focus of the Barcelona School of Economics Master's Program in Competition, Regulation and Markets ensures that graduates have both an advanced understanding of the interaction between theory and practice as well as the qualifications necessary for solid placement in the field.

The program presents students with a learning progression, starting from the basic necessary conceptual frameworks and economic tools, and then introducing core issues in Competition Policy and Market Regulation with the help of leading specialists in each field.

**38 out of 42 students (90%) placed within 6 months of graduation**

\*Data taken from last 3 cohorts

## Recent professional placements by industry



## Program Director

**Rosa Ferrer** (UPF and BSE)  
PhD, Vanderbilt University

## Scientific Director

**Massimo Motta** (ICREA-UPF and BSE)  
Former Chief Competition Economist,  
European Commission  
PhD, Université Catholique de Louvain

View course syllabus  
and full program details  
by **clicking here**



## Examples of first placements after graduation

- CNMC, Internship
- Competition Market Authority, Assistant Economist
- E. CA. Economics, Economist
- Frontier Economics, Analyst
- NERA, Research Officer



Degree awarded upon completion:  
Master's Degree in Specialized Economics  
Analysis (awarded jointly with UAB and UPF)



# Economics of Energy, Climate Change, and Sustainability Program

There is a growing need to understand the technological transformations and economic challenges that the energy transition and climate change entail. How can we understand the economic and ecological forces? What can we do to improve outcomes?

In the BSE Economics of Energy, Climate Change and Sustainability Master's Program, you will acquire an advanced understanding of the rapidly changing energy sector, learn how economic theory and data tools can be used to understand their functioning and trends, and develop the qualifications that employers are looking for on their teams.

## How this program works

**Term 1** - The Master's program will present the foundations of theoretical and quantitative frameworks to understand energy markets and climate policy.

**Term 2** - You will apply these concepts to a variety of evolving situations, from the regulation and green transition in energy markets to the accounting of climate risks and costs in the banking sector.

**Term 3** - You will have the opportunity to go deeper into advanced topics, such as climate change and migrations, advanced quantitative methods for energy modeling, and advanced Data Science topics.

## Program Director

**Mar Reguant** (Northwestern and BSE)  
PhD, Massachusetts Institute of Technology

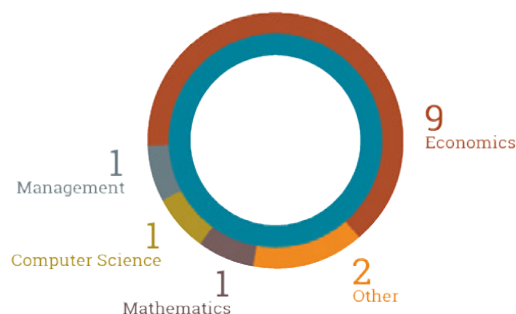
## Deputy Director

**Albert Banal-Estañol** (UPF and BSE)  
PhD, Universitat Autònoma de Barcelona

View course syllabus  
and full program details  
by **clicking here**



## Class overview and academic background



Degree awarded upon completion:  
Master's Degree in Specialized Economics  
Analysis (awarded jointly with UAB and UPF)

# Economics of Public Policy Program

The Economics of Public Policy Program provides students with the theoretical and empirical fundamentals to answer questions that impact entire populations. How and why do particular public policies get implemented? How are they designed? How do we know if they work? Why are some policies more successful than others?

National-level finance and planning involves big numbers: pensions, health systems, income support, social programs, and so forth. Successful public policies can make all the difference for the lives of millions of individuals, with numbers and effects become much larger for developed countries and faster growing in developing ones.

**43 out of 47 students (91%) placed within 6 months of graduation**

\*Data taken from last 3 cohorts

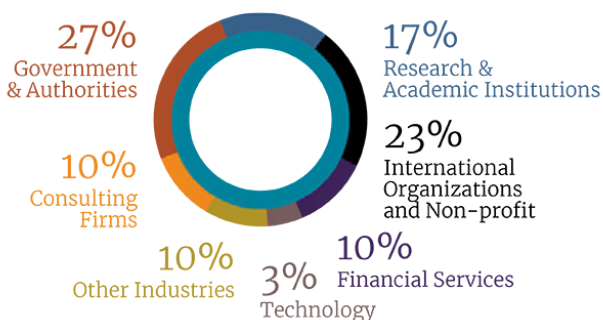
Program Director

**Ada Ferrer-i-Carbonell** (IAE-CSIC and BSE)  
PhD, University of Amsterdam

Deputy Director

**Joan Llull** (MOVE, UAB and BSE)  
PhD, CEMFI

Recent professional placements by industry



View course syllabus and full program details by [clicking here](#)



Examples of first placements after graduation

- Banco de España, Research Assistant
- CEPA, Junior Consultant
- European University Institute, PhD Student
- Inter-American Development Bank, Consultant
- ODI – Fellow Scheme



Degree awarded upon completion:  
Master's Degree in Specialized Economics  
Analysis (awarded jointly with UAB and UPF)

# International Trade, Finance, and Development Program

The ITFD Master's Program provides rigorous training in International and Development Economics. It is a broad and flexible program that allows students to specialize in one of four areas: International Trade, International Finance and Macroeconomics, Development Economics, or Empirical Methods.

The design of ITFD is particularly aimed at ambitious students interested in challenging careers in international organizations, government agencies, central banks, financial institutions, research and consulting firms, and NGOs. The program also provides a great stepping stone for those students who want to pursue a PhD in Economics or related fields.

**97 out of 102 students (95%) placed within 6 months of graduation**

\*Data taken from last 3 cohorts

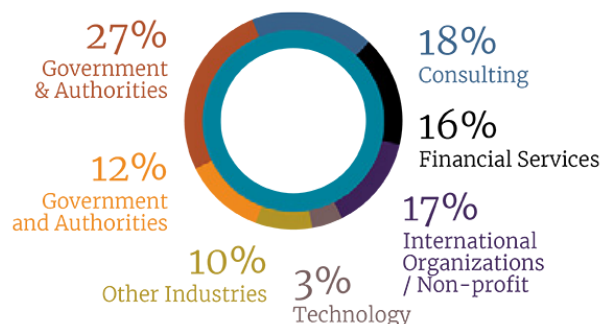
Program Director

**Jaume Ventura** (CREI, UPF and BSE)  
PhD, Harvard University

Scientific Director

**Fernando Broner** (CREI, UPF and BSE)  
PhD, Massachusetts Institute of Technology

Recent professional placements by industry



View course syllabus and full program details by [clicking here](#)



Examples of first placements after graduation

- Bloomberg, Data Analyst
- European Central Bank, Traineeship
- European Commission, Traineeship
- Inter-American Development Bank, Consultant
- The World Bank, Research Assistant



Degree awarded upon completion:  
Master's Degree in Specialized Economics  
Analysis (awarded jointly with UAB and UPF)



# Macroeconomic Policy and Financial Markets Program

While a thorough understanding of aggregate economy dynamics is necessary for success, it is not entirely sufficient. Organizations must also be knowledgeable of the many sources of aggregate risk and uncertainty, and must rely on the analytical tools available to study the aggregate economy.

Students in the BSE Macroeconomic Policy and Financial Markets Program will obtain relevant knowledge about the central issues in Macroeconomic and Financial Economics analysis, as well as the key tools, data, models, and techniques now being used by public and private institutions.

**41 out of 43 students  
(95%) placed within 6 months  
of graduation**

\*Data taken from last 3 cohorts

Program Director

**Hugo Rodríguez Mendizábal**

(IAE-CSIC and BSE)

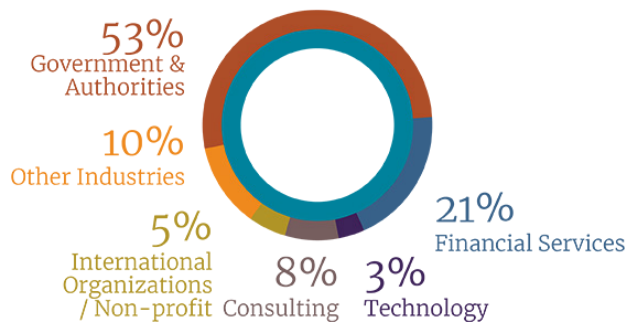
PhD, University of Chicago

Scientific Director

**Albert Marcet** (ICREA-CREI, UPF and BSE)

PhD, University of Minnesota

Recent professional placements by industry



View course syllabus  
and full program details  
by **clicking here**



Examples of first placements  
after graduation

- Accenture, Consultant
- AIREF, Research Assistant
- Bank of England, Economist
- Deloitte, Consultant
- Goldman Sachs, Macro Commodities Analyst



Degree awarded upon completion:  
Master's Degree in Specialized Economics  
Analysis (awarded jointly with UAB and UPF)

# Master's Degree in Data Science



# Data Science for Decision Making Program

The BSE Data Science for Decision Making Master's Program integrates key elements from Data Science and Economics to give graduates the ability to deal with all types of data and make the correct inferences from it.

Our students learn cutting-edge machine learning methods and statistical models to extract information. They also acquire the ability to understand how choices affect outcomes.

Because data scientists need to be able to work in diverse teams under time pressure, our Decision Making Program puts a special emphasis on communication and team work.

The program is organized around four pillars:

- Statistics and Machine Learning
- Econometrics and Causal Identification
- Data Warehousing, Business Intelligence, and Text Mining
- Economics Models and Optimization for Decision-Making

Program Director

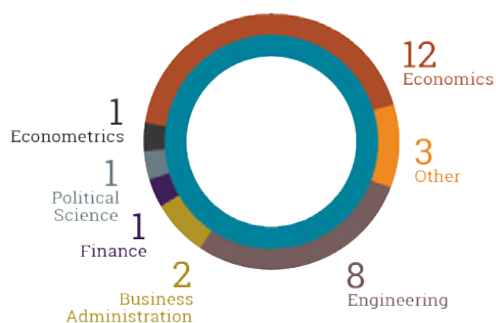
**Hannes Mueller** (IAE-CSIC and BSE)  
PhD, London School of Economics

Steering Committee

**Christian Fons-Rosen**  
(University of California, Merced)  
PhD, London School of Economics

**David Rossell** (UPF and BSE)  
PhD, Rice University and MD Anderson  
Cancer Center

Class overview and academic background



View course syllabus  
and full program details  
by **clicking here**



Degree awarded upon completion:  
Master's Degree in Data Science  
Analysis (awarded jointly with UAB and UPF)

# Data Science Methodology Program

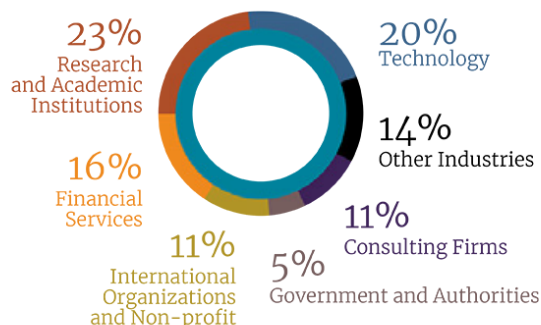
The BSE Master's Program in Data Science Methodology aims to train future leaders in the field with a deeper understanding of the underlying methods, along with the ability to develop techniques for new and/or non-standard problems.

The Master's prepares graduates to design and build data-driven systems in the private, public and research sectors. The curriculum guides students from modeling and theory to computational practice and cutting edge tools, teaching skills that are in growing global demand.

**52 out of 52 students (100%) placed within 6 months of graduation**

\*Data taken from last 3 cohorts

## Recent professional placements by industry



## Examples of first placements after graduation

- Accenture, Analyst
- Blackrock, Data Science Intern
- Criteo, Local Analyst
- Caixa Business Intelligence, Data Scientist
- Novartis, Advanced Analytics Specialist

### Program Director

**David Rosell** (UPF and BSE)  
PhD, Rice University and MD Anderson Cancer Center

### Steering Committee

**Christian Brownless** (UPF and BSE)  
PhD, University of Florence

**Gábor Lugosi** (ICREA-UPF and BSE)  
PhD, Hungarian Academy of Sciences


**Frederic Udina** (UPF and BSE)  
PhD, Universitat Politècnica de Catalunya

View course syllabus and full program details by **clicking here**



Degree awarded upon completion:  
Master's Degree in Data Science Analysis (awarded jointly with UAB and UPF)





*“The program not only prepared me academically to work as a researcher, but it also offered me career paths that I could have never dreamed of.”*

Marta Guasch '17 - International Trade, Finance, and Development  
Research Assistant, The World Bank. PhD Student, London School of Economics



# How to Apply to BSE Master's Programs

The applications process is conducted entirely online. Applications submitted before January 15 have a higher chance of being accepted and receiving an offer of funding.

Contact the BSE Admissions Office  
admissions@bse.eu  
(+34) 93 542 1234

## How can our admissions team help you?

Our admissions officers are available to assist you at every stage of the process, from choosing a program that fits your background and career goals, to completing your application package, as well as guiding you through student visa and relocation matters if you accept an offer to join one of our programs.

## When will I receive my admission decision?

### **Applications completed before January 15, 2023**

You will receive your admission decision and any financial offer in February.

### **Applications completed between January 16 - July 2, 2023**

You will receive your admission decision and any financial offer within 4-6 weeks (if seats are still available in your program).

Watch the **admissions process video**



# Tuition Waivers and Scholarships

The Barcelona School of Economics offers funding in order to attract and retain the most talented students.

Applicants who receive an offer of admission to the BSE have demonstrated their potential to succeed in our rigorous, intensive Master's programs. The most talented candidates also receive a financial offer that covers all or part of their tuition fees.

Types of funding that may be offered to candidates include:

- Waivers covering 25%, 50%, 75% or 100% of tuition fees
- A limited number of fully-funded scholarships (100% of fees and some additional stipend, depending on the scholarship)

Only applicants with outstanding academic records will receive a financial offer. Candidates who submit a completed application before January 15 will be considered for all funding opportunities. Those who apply after that date will be considered for any remaining available funding.

**100%**

Merit-based Funding

**800K €**

Funding awarded to top candidates on average each year

**36%**

Of the class is fully or partially funded on average each year

Funding is provided by the Barcelona School of Economics and our generous sponsors:



# Career Services and Alumni Network

Our Career Services team provides students with a portfolio of resources throughout the Master's year to support their career development and prepare for a successful job search.

Career resources available to students throughout their Master's year include:

- One-to-one guidance
- On-campus recruiting and field trips
- Training and career development workshops
- Recruitment resources

Where do recruiters come from?



**Over 2700 alumni working in 119 countries**

Our Alumni Network is a close-knit community that is active in Barcelona and around the world. Alumni are generous with their time and always happy to connect with the new cohorts!

12 alumni chapters around the world

- Barcelona
- Berlin
- Bogotá
- Brussels
- Frankfurt
- Lima
- London
- Luxembourg
- Madrid
- Mexico City
- New York
- Paris



# Not sure which Master's program is right for you?

Start a conversation with one of our admissions specialists.

[admissions@bse.eu](mailto:admissions@bse.eu)

To explore our Programs click **here**

