



ACADEMIC YEAR

# 2021

# 2022

**MASTER  
AND DOCTORAL  
PROGRAMMES**

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## DEAN'S FOREWORD

In this brochure you may find detailed information about the School of Economics and Management of the University of Porto (FEP) and its offer of Master and Doctoral programmes taught in English. These are part of the school's wider portfolio of undergraduate and graduate programmes.

The Master in Economics, the Master in the Economics of Business and Strategy, the Master in Finance and the Master in Management are pre-experience programmes that are specifically designed for students with recent Bachelor degrees in the fields of Economics and Management. The Master in Data Analytics is targeted at students who might seek this specialization regardless of their academic or professional background. The PhD in Business and Management Studies and the PhD in Economics are research-oriented programmes, targeted at graduates who wish to obtain advanced knowledge in the corresponding fields. The programmes are adequate to those that want to develop distinctive capabilities in analysing complex problems and making informed decisions in all types of organizations. All the programmes included in this brochure are targeted at Portuguese and foreign students.

Here you will find a high quality learning environment and the opportunity to interact with students from different academic backgrounds and nationalities. You will also be able to take part in study mobility programmes and to study in one of the more than 100 higher education partner institutions located in more than 30 countries, either through traditional Erasmus mobility or through other exchange opportunities stemming from dual degree programmes and from the prestigious QTEM Master network programme.

As a FEP student you will be part of a unique community of about 3,000 deeply engaged students and over 150 dedicated faculty and staff. And you will be studying at the University of Porto, one of the largest, most prestigious and worldwide highly-ranked Portuguese universities.

JOSÉ VAREJÃO

*Dean of the School of Economics and Management  
of the University of Porto (FEP)*

# THE UNIVERSITY OF PORTO

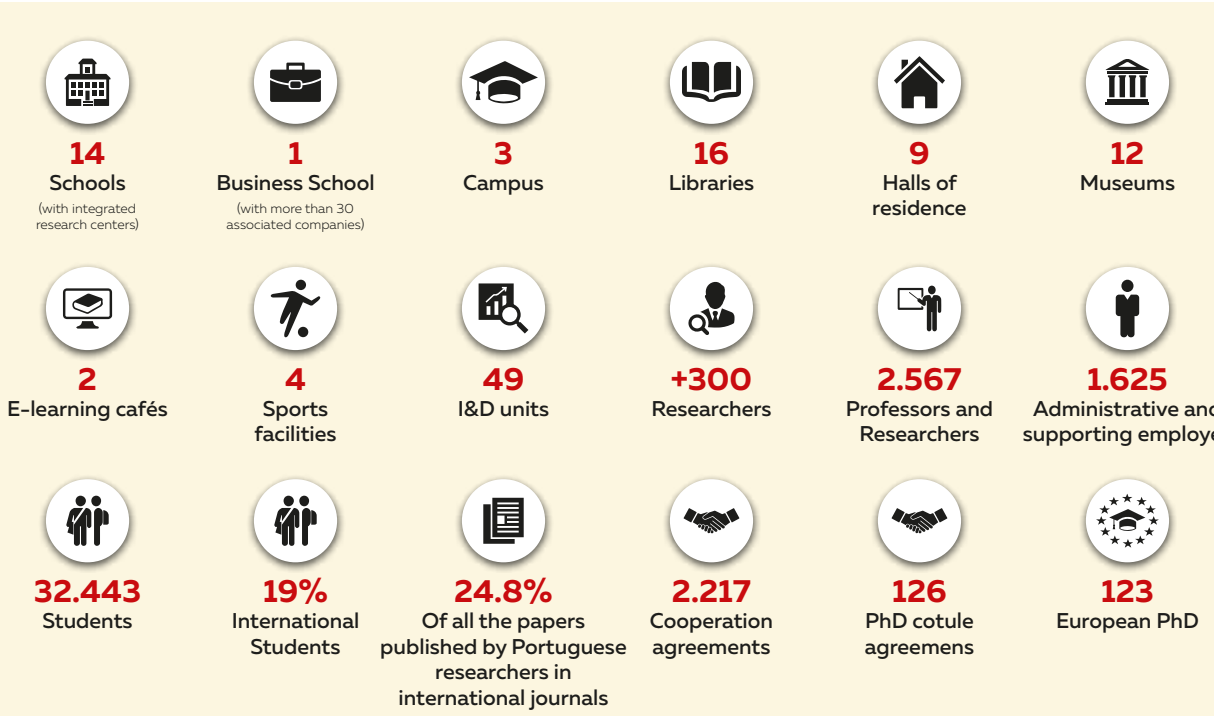
Founded in 1911, the University of Porto (U.Porto) is a benchmark institution for Higher Education and Scientific Research in Portugal and one of the top 150 European Universities according to the most relevant international ranking systems.

U.Porto is the most international of Portugal's universities thanks to its active cooperation with hundreds of higher education institutions worldwide. The ambition now is to establish the U.Porto as one of the top 100 universities in the world.



## THE MOST INTERNATIONAL OF PORTUGAL'S UNIVERSITIES

## A UNIVERSITY THAT ENCOURAGES ENTREPRENEURS



## PORTUGAL AND WORLDWIDE PRESTIGIOUS UNIVERSITY

## INTERNATIONAL RANKINGS \*



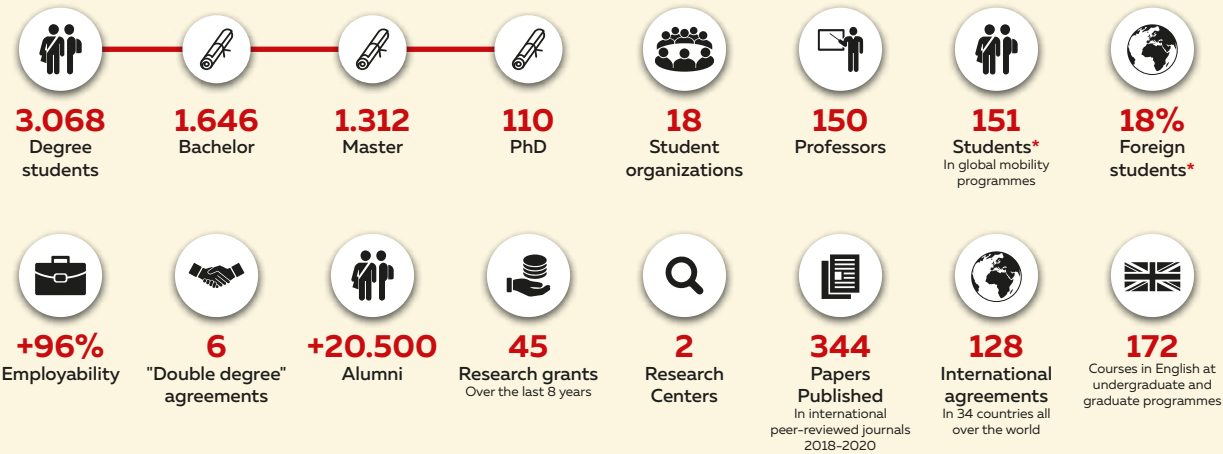
\* CWTS Leiden Ranking, National Taiwan University Ranking | NTU, QS Graduate Employability Ranking, University Ranking by Academic Performance | URAP, Webometrics.



# STUDYING AT THE SCHOOL OF ECONOMICS AND MANAGEMENT OF THE UNIVERSITY OF PORTO (FEP)

FEP was founded in 1953 and is a reference in the field of Economics and Management sciences in Portugal, both in higher education and in fundamental and applied research. Research outputs produced by FEP faculty not only anchor FEP's teaching but are also on the basis of FEP expert advice to the corporate world and to society in a wide range of economic and management subjects.

FEP has been a pioneer in Economics and Management education in Portugal, as demonstrated by the range of its degree programme offer: two bachelors, sixteen masters (two with a Dual Degree option) and two doctoral programmes (one with a Dual Degree option). The two doctoral programmes (PhD in Business and Management Studies and PhD in Economics), as well as five of the sixteen master degrees (Master in Economics of Business and Strategy, Master in Finance, Master in Management and Master in Data Analytics) are taught in English.



\* Figures for the 2019/20 academic year.

**FEP, A REFERENCE IN PORTUGAL IN THE FIELDS OF ECONOMICS AND MANAGEMENT**

**FEP TRAINS PROFESSIONALS TO LEAD ANY ORGANIZATION**



## TRAINING OFFER

- 2 Bachelors
- 16 Masters

- 2 PhDs
- 5 Masters and 2 PhDs fully lectured in English

## MASTERS



- 2 years
- 120 ECTS



- September 2021



- 1.500€/year\*
- 2.750€/year\*\*
- 5.000€/year\*\*\*



- Students attending the masters in English at FEP are eligible
- See page 6

Tuition fees for the academic year of 2021/2022

\* Portuguese and EU Students

\*\* International Students CPLP

\*\*\* International Students



## DISSERTATION, PROJECT WORK OR INTERNSHIP CHALLENGES

- To obtain the master's degree, students are required to successfully defend a dissertation, a project work (that is original and specifically done for this purpose), or an internship report (of a professional nature). Internships can take place in Portugal or abroad. International internships can be funded through the Erasmus+ Programme.
- Master students that complete their master's coursework but do not wish to (or fail to) meet the above requirements receive a post-graduate diploma instead of a degree.

## PHDS



- 4 years



- September 2021



- 2.750€/year\*
- 3.300€/year\*\*
- 6.000€/year\*\*\*

- Double degree with the Universities of Milan and Pavia (DECON)\*\*

Tuition fees for the academic year of 2021/2022

\* Portuguese and EU Students

\*\* International Students CPLP

\*\*\* International Students

# BENEFITS OF STUDYING AT FEP

## STUDENTS

FEP attracts the best students in the country in the fields of Economics and Management. For the 2020/21 school year, the number of degree students at FEP add up to 3,068, of which 1,646 are undergraduates and 1,422 are graduate students enrolled in master and doctoral programmes. Also for the 2019/20 school year, the number of foreign degree and mobility students amounted to 18%.

## FACULTY: TEACHING AND RESEARCH

FEP is known for the quality of its faculty of 150 professors (120 holding a doctoral degree), a body that combines teaching and research skills with important work experience outside academia. This experience allows them to set education curricula and learning outcomes with practical relevance, meeting corporate needs in terms of student skill profiles.

## RESEARCH

FEP has two research centres: the Centre for Economics and Finance of the University of Porto (CEFUP) and INESC TEC. Both are appraised and funded by FCT, the Portuguese national research grant agency. Several FEP professors are associate members of the Economics and Fraud Management Observatory (OBEFEG).

## ALUMNI

FEP has a vast network of alumni who hold notable positions in a wide range of organizations and activity sectors, both in Portugal and the rest of the world, and 31 FEP ambassadors in various cities. FEP has trained many of the most reputable Portuguese economists and managers in Portugal.

FEP maintains a strong connection with its alumni, who take part in many of the School's activities, on a regular basis, and advice FEP students on how to enter and succeed in the marketplace.

## CURRICULUM DEVELOPMENT

FEP programmes provide students with a set of hard and soft skills that enable them to be knowledgeable, fast learning and agile professionals in demanding work environments.

Along with rigorous challenging education programmes, FEP offers students several opportunities to enrich their curriculum by enabling participation in research projects and knowledge dissemination activities, international studies and/or business experiences.

FEP students can take courses from other University of Porto School (as electives, if their curriculum allows, or as free students).

On top of curriculum seminars, students are invited to attend research seminars with international researchers and to participate in international workshops and

meetings hosted by FEP in several areas of Economics and Management. Furthermore there are research assistant opportunities to work with faculty within FEP and the University of Porto.

## TRAINING FOR INTERNATIONAL CAREERS

FEP is increasingly an international school, with strong links to schools and research centres counterparts from around the world, which attracts and welcomes international students and provides experience to its international students, in a multicultural teaching environment.

## DUAL DEGREE PROGRAMMES

Master in Management and Master in Finance students can apply to complete one period of studies abroad and obtain two diplomas. Master in Management students at University of São Paulo (Brazil) and at Kedge Business School (Marseille or Bordeaux - France) and Master in Finance students at Kozminski University (Warsaw - Poland). Starting in October 2021, students from the Master in Management may have a new opportunity to obtain a double degree with Warsaw School of Economics, spending the first year of the master in Warsaw (the agreement is under negotiation). Students enrolled in the PhD programme in Economics also have the opportunity to earn two doctorate diplomas, in this case by the University of Porto and the Universities of Milan and Pavia. When selected, students complete a period of study at the Universities of Milan and Pavia and write their thesis under the joint supervision of professors from both universities.

**THE RULES TO APPLY FOR THE DUAL DEGREE PROGRAMMES AND INFORMATION ABOUT THE CRITERIA FOR THE SELECTION OF STUDENTS ARE AVAILABLE IN FEP'S WEBPAGE**

## STUDENT SKILL PROFILE

- Critical Thinking
- Analytical Abilities
- Problem Solving and Decision Making
- Planning, Adaptability and Resilience
- Autonomy
- Team-work Skills
- Oral and Written Communication Skills



## QTEM - QUANTITATIVE TECHNIQUES FOR ECONOMICS AND MANAGEMENT

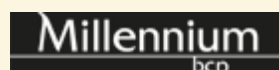
FEP is the only Portuguese academic partner of QTEM, an international network that brings together some of the world's most prestigious schools of Economics and Management and top-tier business partners. Under QTEM, students follow an international academic path that enables them to develop technical, analytical and quantitative skills to support decision-making. Students complete up until two semesters abroad, in two different countries, in 1 or 2 QTEM academic partner(s), according to the decision of the student, alongside an internship, national or international (240 hours).

In addition they must participate in the QTEM Data Challenge, an international case competition involving multinational teams of QTEM students. Students enrolled in one of the FEP master programmes taught in English and who have a minimum GMAT score of 650 (or GRE equivalent) are eligible to apply.

### QTEM/ MILLENNIUM BCP AWARD

The Millennium bcp prize, launched in 2020, aims to reward the excellence of FEP students admitted to QTEM, fostering a strong and lasting partnership between FEP and the bank. 14 FEP students have already been awarded the Millennium bcp prize, which covers the cost of the GMAT test.

## FEP PARTNER IN QTEM NETWORK



Excellence



Quantitative  
& Analytical



International  
exposure



Professional  
Experience

## QTEM: ACADEMIC AND CORPORATE PARTNERS

### Academic Partners

BI Norwegian Business School  
Edhec Business School  
Exeter Business School  
Goethe-Universität Frankfurt  
Hanken School of Economics  
Harbin Institute of Technology  
HEC Montreal  
Higher School of Economics (Moscow and St Petersburg)  
Luiss Guido Carli  
Monash Business School  
Politecnico di Milano  
Solvay Brussels School of Economics and Management - ULB  
Tilburg University  
TUM - Technische Universität München  
Universitat Pompeu Fabra  
Université de Lausanne  
Université de Paris Dauphine  
Universiteit Van Amsterdam  
University of Xiamen  
Warwick Business School  
Waseda University  
Zhejiang University

### Social Partners

Medecins Sans Frontières

### Corporate Partners

Deloitte  
FIRM Frankfurt Institute for Risk Management and Regulation  
Equinor  
Gjensidige  
Kuwait Petroleum Italia  
McKinsey Solutions  
Millennium BCP  
Rostelecom  
Santander  
SAS  
SIA  
Solvay  
EY  
OPTIVER  
ORTEC  
Volkswagen Group Italia



Annual network meeting and graduation ceremony in Amsterdam, October 2019



# CAREER AND PERSONAL DEVELOPMENT

## EMPLOYABILITY

FEP has an active and extensive Career Portal that connects students and graduates with companies. After signing up, students have access to various job opportunities, internships, recruiting events and additional training, as well as the option to upload their CV's to be viewed by potential employers.

Furthermore, over the last 20 years, with FEP support, FEP Junior Consulting, one of the most well-known and dynamic student organizations at FEP, organises Porto de Emprego, the largest student Job Fair in Portugal organized by students.

The close connection to the corporate world is a source of internships and ongoing recruiting by the major Portuguese companies and other multinationals, consulting firms and banks. Several company presentations, employer-based learning programmes and other recruitment events run throughout the year. Some corporate recruiters are regular sponsor of FEP students' competitions such as FEP Talent Pool, FEP Master's Challenge and the International Case Competition.

## EXTRACURRICULAR ACTIVITIES AND STUDENT ORGANIZATIONS

FEP offers a range of extracurricular activities that allow for further professional and personal development. These activities are an important addition to academic qualifications, providing soft skills training and easing the integration in the job market.

To foster entrepreneurial attitudes, the staff team and selected faculty members support several FEP student groups in planning and carrying out various types of activities.

Student organizations are involved with initiatives in social responsibility, citizenship, culture, sports, leisure, student support, connection between students and businesses/ alumni, etc.



The winners of FEP Master's Challenge 2020 – Joana Sousa, João Castro and Sofia Canada.

### PRO-SKILLS

Extracurricular activities certification program directed to all FEP students. The main goal is that the masters students have not only a master certificate, but also a certificate that recognizes extracurricular experiences and skills recognized by the job market as fundamental.

FEP MASTER'S CHALLENGE is an annual project targeted to all master students in order to identify high-potential applicants and to distinguish them, as top students, among employers.



### MORE DETAILS ABOUT THE FEP MASTER'S CHALLENGE HERE

### MEMBER OF



### RANKINGS

### FEP MAIN PARTNERS





## STUDENT LIFE

FEP and University of Porto have plenty of choices to balance academic and personal life.

There are several sports venues at the disposal of students and the climate conditions in Porto are great to play sports.

At FEP, the students' union promotes several sports activities, such as "FEP League", the team selections and the Sports Weeks. The University of Porto also offers a variety of fitness activities to the entire community and organizes sports holiday camps and tournaments.

Students can also join musical (e.g. TAFEP, TFEP, FEP'Choir and eCOROMia) and other cultural groups or take part in volunteering activities sponsored by FEP or FEP students (e.g., FEP Solidária/FEPtohelp sponsored by FEP students' union).

There are many leisure events promoted by fellow students throughout the year, such as "Semana da Economia" or "Queima das Fitas" – the University of Porto student celebration week.

Above all, students are part of a large academic community, sharing their FEP experience with more than 30,000 students of which 19% come from all over the world.

### FEP EXPERIENCE

- Top students
- Teaching quality and research-oriented faculty
- Knowledge and professional skills
- Exchange opportunities in prestigious international academic partners
- Extracurricular activities
- Academic and professional integration support services
- Access to numerous internships and recruitment opportunities
- Notorious and wide alumni network
- Vibrant student life: sports, culture, leisure
- Living in Porto!



## STUDENT SUPPORT SERVICES

The support staff team at FEP and University of Porto is committed to ensuring the proper functioning of the education activities and the academic and professional integration of students.

### COUNSELLING

The Counselling Office at FEP helps students in initial academic integration, and provides support dealing with academic problems. Furthermore, it helps with professional placement and career planning. On its own or together with students organizations and corporate partners, FEP organizes practical workshops on cv writing and preparing for a job interview. It also arranges national and international network events with alumni and puts together mentoring initiatives, namely with alumni living abroad (FEP Ambassadors).

### INTERNATIONAL STUDENTS

FEP provides assistance with internal procedures related with application and enrolment and other administrative procedures before and after their arrival in Porto.

FEP International Mobility office, together with the Linking Students, help with initial academic and social integration. A welcome session and a city tour are held at the beginning of each semester.

University Porto provides guidance in matters related to VISA, Immigration Office, medical care, insurance, but also in regard to accommodation, public transportation, etc.

### LIBRARY AND DATABASES

The Library at FEP provides the necessary services, bibliography and information for teaching, education and research purposes. FEP students have access to a wide range of bibliographic and statistical databases. These can be accessed from any computer connected to FEP's internal network or via VPN. In addition to the databases available online (e.g., Amadeus, Bankscope, Zephyr, etc.), the Library also provides local access to other information platforms such as Thomson Reuters' Eikon and Datastream.

### IT AND ELEARNING SERVICES

SIGARRA is the information system of the University of Porto. It provides comprehensive information on students' academic records, study plans, schedules, classes, current account at FEP, etc. Students have wireless connection in all University buildings.

University of Porto is part of eduroam, a secure worldwide roaming access service developed for the international research and education community, now available in 76 countries. Eduroam allows students, researchers and staff from participating institutions to obtain internet connectivity across campus and when visiting other participating institutions.

Moodle e-learning platform is available to all University of Porto faculty members to deliver online courses and work with related learning tools.



# LOCATION AND FACILITIES

FEP is located in the largest campus of the University of Porto (Asprela), one of the largest densities of talent, knowledge and innovation in Europe. In fact, in a little more than a square kilometer work more than 14,000 people, mostly with higher qualifications and in functions of great complexity. The Asprela district is characterized by a balanced distribution of resources between the areas of health and life sciences, exact sciences and technologies, and social and economic sciences, which fosters a multidisciplinary approach to the complex challenges facing humanity.

FEP occupies two buildings with a covered area of 3,500 square meters. The main building, designed by Architect Viana de Lima, was inaugurated in 1974 and has been classified as a Public Interest Monument. The post-graduate programmes building, by architect Camilo Cortesão, was inaugurated in 2006. Students have access to a large number of study areas at FEP and at other University of Porto libraries. The campus also includes a hospital, a supermarket, a hotel and branches of major banks.

## U.PORTO FACILITIES



11

Canteens



2

Restaurants



7

Snack-bars



1

Grill

## FEP FACILITIES



1

Restaurant



1

Snack-bar



1

Library



1

E-learning  
café



2

Sports centres



1

Grill

## AT 5 MINUTES WALKING DISTANCE





## FINANCIAL SUPPORT

The University of Porto has 9 halls of residence with a capacity for about 1,200 students. A limited number of vacancies are reserved for international students. Full degree students should contact the Social Services of the University of Porto at [alojamento@sas.up.pt](mailto:alojamento@sas.up.pt) to apply for a room in the University residences.

Exchange students should contact the Social Services of the University of Porto ([international@reit.up.pt](mailto:international@reit.up.pt)) to get help throughout the process of looking for accommodation in the city and other integration support services

For further information about studying at FEP, please contact [gmc@fep.up.pt](mailto:gmc@fep.up.pt)

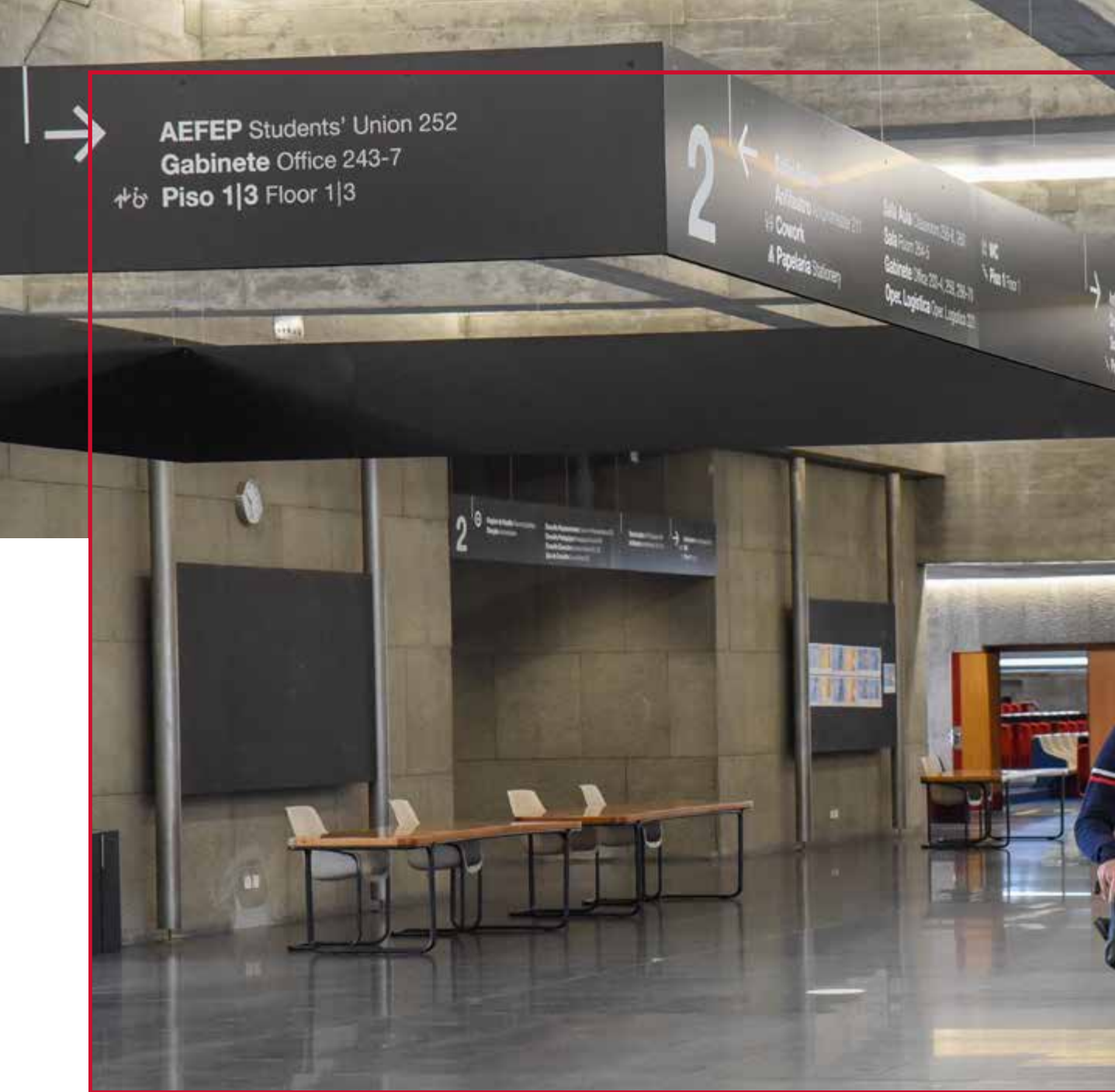
The University of Porto applies regularly to Erasmus+ international consortia projects under which scholarships are made available for foreign students that come from partner schools. Santander also provides scholarships for Ibero-American graduate students.

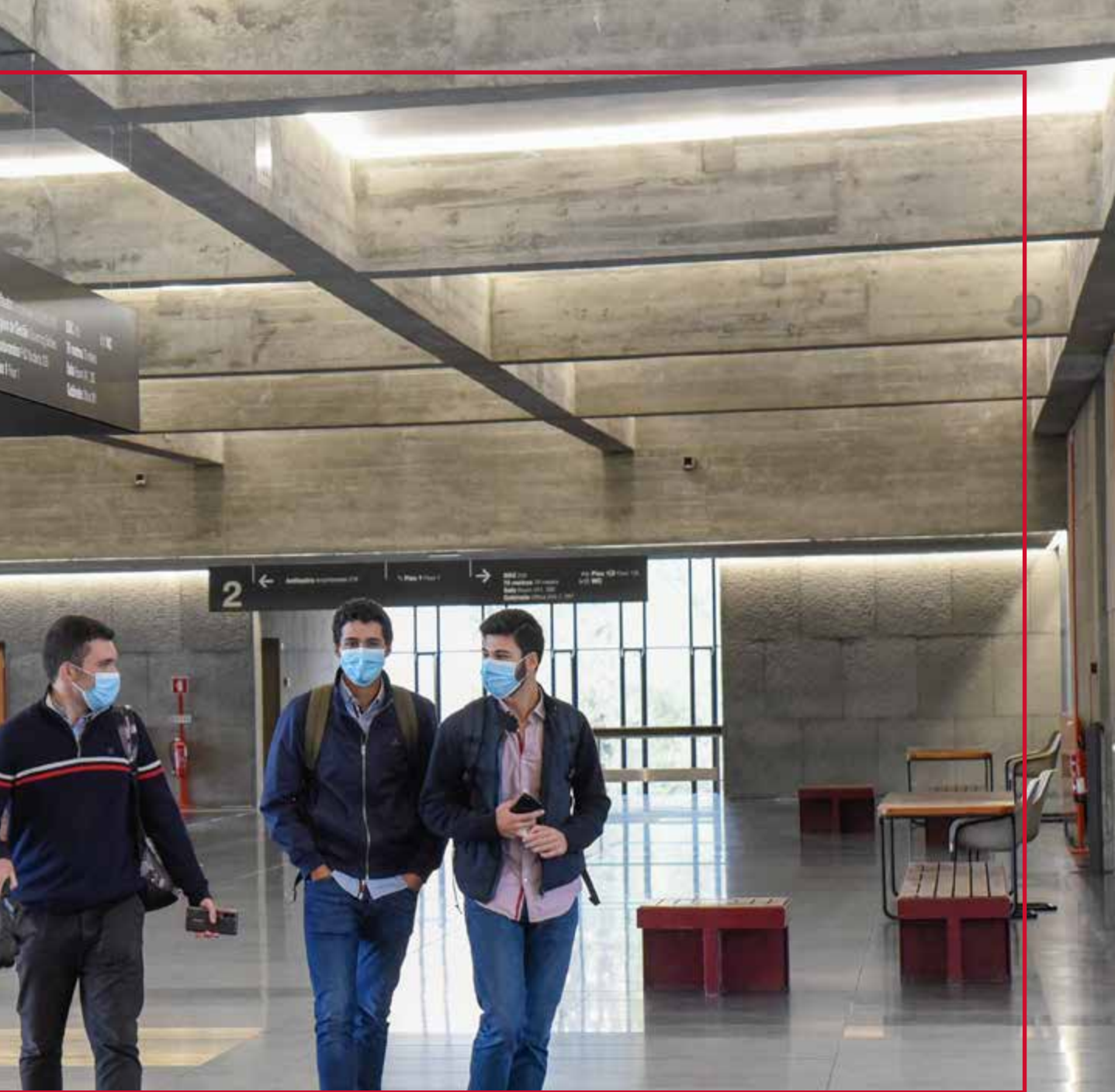
Students from an EU country attending a full degree programme can apply, like any Portuguese student, to the study grants awarded by the Social Services of the University of Porto (SASUP). Exchange students cannot benefit from direct social support. There are other sources of financing promoted by outside institutions, public entities, or partner institutions of the University (e.g., Fundação Calouste Gulbenkian, Fundação Oriente, Fundação para a Ciência e a Tecnologia).

### MEMBER OF



### RANKINGS





# PRE-EXPERIENCE

## MASTERS



# MASTER IN ECONOMICS

The Master in Economics at FEP (English track and Portuguese track) is a pre-experience Master that offers complementary education in economic sciences at the University of Porto. The programme is targeted at newly first-cycle degree graduates in Economics, Finance, and Management. This is a two-year programme that builds upon the knowledge acquired in 1st cycle studies. The main purpose is to improve the core knowledge of Economics and the command of economic analysis tools, complemented with intermediate level specialization in applied economics. Master in Economics graduate students will be ready for a demanding professional career in private and public institutions and those with research-oriented interests can also access third-cycle (doctoral) studies. FEP has the necessary means to help students achieve their goals through:

- rigorous teaching and procedures coupled with a flexible plan of studies, ensuring improved knowledge of core economics while allowing for diversified specializations in applied courses. The design of each student's study plan follows these guidelines;
- possibility of choice between English track and Portuguese track, and possibility of enrolling in the prestigious QTEM – Quantitative Techniques in Economics and Management – international programme;
- quality and experience of faculty, research centres and supportive professional staff;
- availability of information resources – bibliographic and data bases – required to conduct research;
- individual tutoring in the definition of the plan of studies and in the dissertation or internship report work;
- professional orientation and career planning counselling services;
- a series of seminars with topics and speakers (outside FEP) that enable the bridge between academia and private and public organizations in the market place;
- structured programme of curricular internships, with institutions dedicated to economic analysis and other private and public organizations that provide challenging opportunities to engage in a first work experience.

ANABELA CARNEIRO  
PROGRAMME DIRECTOR



MAINLY DAYTIME PROGRAMME



ENGLISH TRACK



POSSIBILITY OF QTEM  
OR ERASMUS



MASTERS NETWORK  
P. 6

## OBJECTIVES

The Master in Economics aims to strengthen core economics training by deepening economic theory and tools for economic analysis and policy evaluation, complementing it with intermediate level specialization in applied economics.

## TARGET GROUP

The Master in Economics is a pre-experience Master that offers high-quality education in economics as well as on quantitative methods and techniques for economic evaluation. The programme is designed to recent graduates in Economics, Management, Finance or related fields.

## INTERNATIONAL MOBILITY

Possibility to enroll in mobility programmes (QTEM or Erasmus).

The applications to the QTEM are accessible to students from English track.



## RANKINGS

The Master in Economics is in the 26<sup>th</sup> place in the **Eduniversal Best Masters Ranking 2019** of the best programmes in Economics in Western Europe.





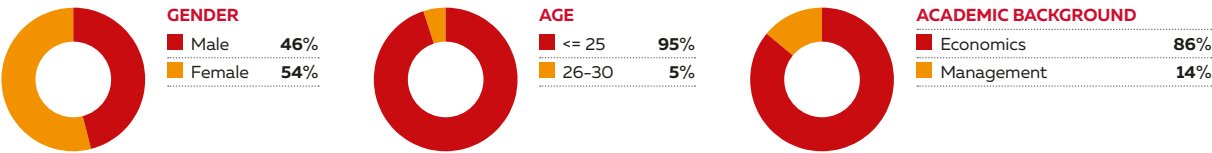
PROGRAMME

1st Year	
Semester 1	Semester 2
Macroeconomic Policy (6 ECTS) Microeconomic Analysis (6 ECTS) Econometrics (6 ECTS) Seminars I (3 ECTS) Research Process (3 ECTS) Electives Methods and Techniques for Applied Economics - C (6 ECTS)	Seminars II (6 ECTS) Economic Problems Lab (6 ECTS) Electives Area of Applied Economics - B1 ou B2 (12 ECTS) Electives Methods and Techniques for Applied Economics - C (6 ECTS)
2nd Year	
Semester 1	Semester 2
Plan for Dissertation / Work Project / Internship Plan (6 ECTS) Electives Area of Applied Economics - B1 ou B2 (12 ECTS) Electives UPorto 2nd cycle (12 ECTS)	Dissertation / Work Project / Internship (30 ECTS)
Electives of Modules B and C	
B. Electives Area of Applied Economics (choose B1 or B2)	
B1. Markets and Microeconomic Policies (minimum 24 ECTS)	B2. Macroeconomics and Financial Economics (minimum 24 ECTS)
Behavioral Economics (3 ECTS) Cultural Economics (6 ECTS) Economics of Organizations (6 ECTS) Digital Economics (3 ECTS) Industrial Economics (6 ECTS) Public Choice (6 ECTS) International Business (3 ECTS) Competition Policy and Regulation Economics (6 ECTS)	Business Cycle Analysis (3 ECTS) Business and Financial Cycles (3 ECTS) World Economy (3 ECTS) Public Choice (6 ECTS) International Finance (3 ECTS) Financial Institutions (3 ECTS) Markets and Financial Investments (6 ECTS) Theoretical Foundations of Finance (6 ECTS)
C. Electives Methods and Techniques for Applied Economics (minimum 12 ECTS)	
Economic Statistics (3 ECTS) Data Mining I (6 ECTS) Numerical Methods for Economics (6 ECTS) Forecasting Methods and Time Series (6 ECTS) Economic Modelling (6 ECTS)	

Notes:  
(i) the electives of modules B and C are defined annually by FEP's Scientific Council following a proposal by the Scientific Committee of the Master in Economics;  
(ii) the choice of electives by each student is further subject to the approval by the Scientific Committee of the Master in Economics;  
(iii) all the electives in this syllabus are taught in English.

STUDENT PROFILE

Students enrolled/admitted in 2020/2021



Source: WEBGA e Sigarra



Catarina Martins

The Master in Economics at FEP was the obvious choice for me not only because of the recognized excellence of the Faculty, but also because the Master allows each student to personalize his/her pathway according to the areas of personal interest. Additionally, as a student of the ME, I applied to the QTEM programme, which was definitely a plus due to its international exposure. Overall, my academic journey as a Master student at FEP integrated in the QTEM gave me a broader understanding of Economics while also preparing me to face future professional challenges, since throughout these two years I could explore different subjects under various perspectives while also acquiring important quantitative tools, which are key in today's world.



José Verónico

The Master in Economics (ME) is a programme that has two points that for me were very important: the flexibility in choosing the plan of studies and the recognized quality of the contents taught. The first point is important because it allows the choice of a path that is adjusted to an entry in a more specialized environment, in business or academia, according to the given personal objectives. The second point guarantees the quality of training regardless of choice. In my case, contact with specialized curricular units in the area of economics motivated me to pursue my studies and enroll in the PhD in Economics. In addition, the demanding environment I experienced and the quality of knowledge acquired in the ME facilitated the adaptation to an academic degree of greater difficulty

# MASTER IN ECONOMICS OF BUSINESS AND STRATEGY

In a fast-paced, highly dynamic and competitive environment, it is crucial to be one step ahead of everyone else. Being able to anticipate the consequences of the alternative choices faced by a company is key to building sustainable competitive advantage.

The Master in Economics of Businesses and Strategy was designed to enable students to successfully grasp and tackle this dynamic environment, either as managers or researchers.

Students are provided foundations in economic theory and a powerful set of cutting-edge analytical tools, allowing them to effectively solve real business situations.

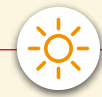
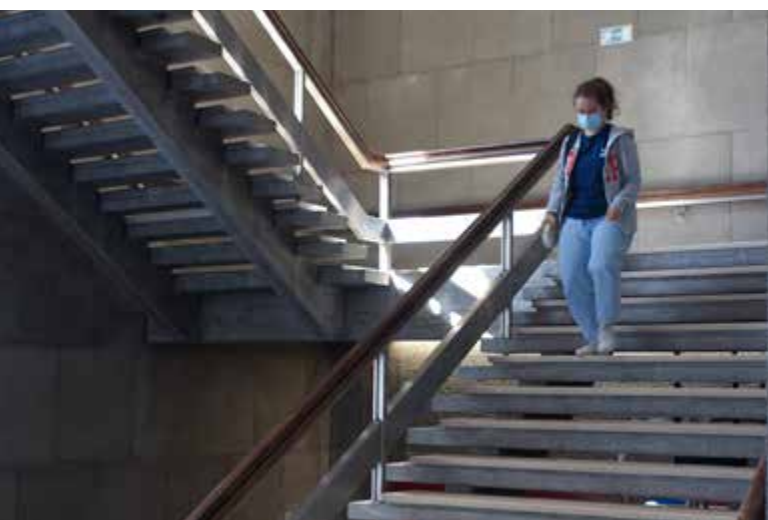
A strong emphasis is given to entrepreneurship, innovation, internationalization and incentive-design as essential tools for analyzing new market dynamics and corporate performance. Students are required to understand the current world economy and to predict the economic trends that may prevail.

The programme draws on the expertise of the University of Porto faculty, as well as on the unique perspectives of experts and successful managers. It also builds on the synergies of FEP's strong relationships with corporations in order to give students a full perspective on how strategic thinking is a fundamental tool to thrive in the current business environment.

Attending this Master is also an opportunity to live in and enjoy Porto, a city recognized by its history, culture, architecture and food, but also identified as one of the most vibrant economic centers in Europe.

We invite you to take full advantage of the opportunity to be at the forefront of strategic thinking.

NUNO SOUSA PEREIRA  
PROGRAMME DIRECTOR



MAINLY DAYTIME  
PROGRAMME



PROGRAMME OFFERED  
IN ENGLISH



POSSIBILITY OF QTEM  
OR ERASMUS



MASTERS NETWORK  
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## OBJECTIVES

The Master in Economics of Business and Strategy combines different theoretical perspectives (such as the theory of the firm, incentives theory, behavioral theory) with valuable analytical tools, preparing students to be able to clearly characterize an industry and its evolution and to strategically rethink and lead an organization in this challenging and always changing environment.

The Master consists of core courses, electives, projects, seminars, and a master's thesis or internship distributed over 4 semesters. The rigorous theoretical foundations, that are essential to understand and correctly predict the consequences of strategic decisions in firms, are provided by covering the fundamental theories in the economics of strategy, organizations, entrepreneurship, and innovation. A whole range of analytical tools to gather and efficiently analyze business data are covered in econometrics, business analytics, and decision support systems. The combination of both theory and methods is ensured through courses such as business intelligence, business valuation, and strategy implementation.

The Master also provides a practical component. Each semester students will attend a project course in which they undertake challenges submitted by real clients, from start-ups to established companies, with a strong focus on entrepreneurship, innovation, and internationalization. This is an opportunity to apply the learned theoretical approach to analyzing corporations and their strategies for dominating real life problems.

Weekly seminars give students the opportunity to interact with entrepreneurs, investors and policy makers, learning from their unique experience and view on strategic thinking.

After graduating, students should be able to characterize a strategic challenge faced by companies, to identify the alternative strategic solutions and its consequences and to design a comprehensive implementation plan.

## WHO SHOULD APPLY?

The Master is a full-time programme taught in English. It is targeted at recently graduated students with a bachelor's degree in management, economics, industrial engineering or a similar subject. Students should have the interest to learn the competences to strategically think about an organization and the industry it belongs to. The programme is also suited for those interested in obtaining the scientific foundations to pursue graduate studies in business, economics or related fields.

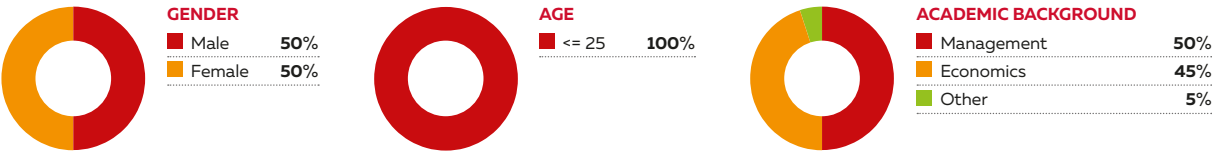
PROGRAMME

	COURSES	REGIME	HOURS	ECTS
1 <sup>ST</sup> SEMESTER	Economics of Organizations	Compulsory	42	6
	Economics of Strategy	Compulsory	42	6
	Econometrics	Compulsory	21	3
	Microeconometrics	Compulsory	21	3
	Business Cycle Analysis	Compulsory	21	3
	Business Valuation	Compulsory	21	3
	Seminar 1	Compulsory	21	3
	Project 1	Compulsory	21	3
2 <sup>ND</sup> SEMESTER	World Economy	Compulsory	21	3
	International Business	Compulsory	21	3
	Mergers, Acquisitions and Restructuring	Compulsory	21	3
	Corporate Strategy	Compulsory	21	3
	Business Intelligence	Compulsory	21	3
	Business Analytics	Compulsory	21	3
	Seminar 2	Compulsory	21	3
	Project 2	Compulsory	21	3
3 <sup>RD</sup> SEMESTER	Elective 1	Elective		3
	Elective UPorto (master Level)	Elective		3
	Behavioral Economics	Compulsory	21	3
	Decision Analysis	Compulsory	21	3
	Innovation	Compulsory	21	3
	Entrepreneurship	Compulsory	21	3
	Business Ethics	Compulsory	21	3
	Seminar 3	Compulsory	21	3
4 <sup>TH</sup> SEMESTER	Project 3	Compulsory	21	3
	Elective 2	Elective		6
	Elective Uporto (master level)	Elective		3
	Dissertation / Project / Internship	Compulsory		30

NOTE: courses with 3ECTS (21 hours) take half a semester to complete.  
The choice of electives depends on the compatibility of timetables and vacancies.

STUDENT PROFILE

Students enrolled/admitted in 2020/2021



# MASTER IN FINANCE

The Master in Finance is an international specialized pre-experience programme, totally taught in English, with contents that are recognized by the CFA Institute. It offers a specialized training in the area of Finance, with a particular focus on both Corporate Finance and Financial Markets and embracing a professional perspective of these fields carefully coupled with scientific rigour. It is a full-time programme with a flexible structure, where the core subjects in Finance can be complemented by a relevant and diversified set of elective courses, allowing the students to build the programme according to their own personal interests and career aims.

The programme further provides an adequate balance between theory and practice, integrating theoretical knowledge with the development of practical and personal skills.

This Master also offers a multicultural experience, attracting not just students from different countries worldwide but also offering a set of different international experiences in two different formats. First, students may complete part of the programme abroad, in a partner university, either under ordinary mobility, or within the QTEM (Quantitative Techniques for Economics and Management) network of partner schools that is present across all major continents, in this last case for up to two semesters. Additionally, students may also apply for the Dual Degree with Kozminski University (KU) in Warsaw, Poland, allowing them to obtain two diplomas (the Master in Finance at FEP and the Master in Finance and Accounting at KU).

JORGE FARINHA  
PROGRAMME DIRECTOR



MAINLY DAYTIME PROGRAMME



PROGRAMME OFFERED  
IN ENGLISH



POSSIBILITY OF QTEM  
OR ERASMUS



MASTERS NETWORK  
P. 6

## OBJECTIVES

The Master in Finance is a full-time programme that aims to train specialists in Financial Markets and Corporate Finance, providing the analytical and technical skills needed to carry out professional activities in the area of Finance. The programme will provide an adequate balance between theory and practice and expose students to new and complex real world financial problems, promoting effective problem-solving and developing decision making skills based on solid quantitative and qualitative analysis of fundamentals, financial modelling and the latest techniques available in Finance.

## TARGET GROUP

The candidates should have a bachelor's degree in Management, Economics or in a related field and be fluent in English. The programme is suitable for those wishing to acquire the skills necessary to develop a career in Finance. It also suits those who require adequate scientific training in order to pursue more advanced graduate studies in Finance. Professional experience is not a prerequisite. The candidates should be available for a full-time programme.

## INTERNATIONAL MOBILITY

Possibility to enroll in mobility programmes (QTEM or Erasmus).

## DUAL DEGREE

FEP and Kozminski University (Poland) have signed a dual degree agreement of their Master in Finance programmes. The students enrolled in the Master in Finance at FEP may apply for the dual degree programme and get two master degree diplomas, one from FEP and one from Kozminski. The Kozminski University is a Triple Crown University (AACSB, EQUIS and AMBA accredited), listed in the 43<sup>rd</sup> position of the 2018 Financial Times European Business Schools ranking and in the 17<sup>th</sup> place in the 2018 Financial Times Pre-experience Master in Finance ranking.



## RANKINGS

The Master in Finance is in the 23<sup>rd</sup> place in the **Eduuniversal Best Masters Ranking 2019** of the best programmes in Corporate Finance in Western Europe. It is also ranked in the **2019 Top-100 QS World Masters** in Finance Ranking in the 89<sup>th</sup> position.





PROGRAMME

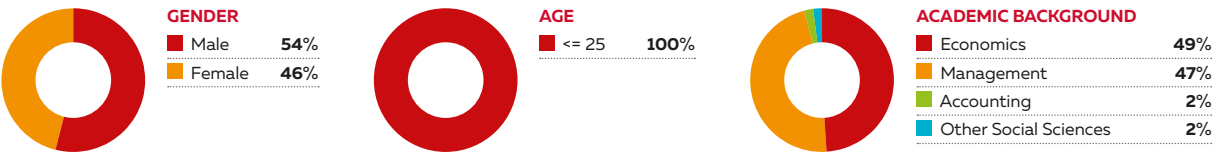
	CURRICULAR UNITS	REGIME	HOURS	ECTS
1 <sup>ST</sup> SEMESTER	Theoretical Foundations of Finance	Compulsory	42	6
	Markets and Financial Investments	Compulsory	42	6
	Econometric Methods	Compulsory	42	6
	Corporate Finance	Compulsory	21	3
	Business Valuation	Compulsory	21	3
	Seminars I	Compulsory	21	3
	Project I	Compulsory	21	3
2 <sup>ND</sup> SEMESTER	Modelling and Data Analysis I	Compulsory	21	3
	Ethics and Corporate Governance	Compulsory	21	3
	Mergers, Acquisitions and Restructuring	Compulsory	21	3
	Derivatives	Compulsory	21	3
	Fixed Income Securities	Compulsory	21	3
	Seminars II	Compulsory	21	3
	Project II	Compulsory	21	3
	Optional course units to be chosen from a cast fixed annually by the Scientific Council <sup>(1)</sup>	Elective		9
3 <sup>RD</sup> SEMESTER	Research Methodology	Compulsory	21	3
	Risk Management	Compulsory	21	3
	Modelling and Data Analysis II	Compulsory	42	6
	International Finance	Compulsory	21	3
	Seminars III	Compulsory	21	3
	Project III	Compulsory	21	3
	Optional course units to be chosen from a cast fixed annually by the Scientific Council <sup>(1)</sup>	Elective		9
4 <sup>TH</sup> SEMESTER	Dissertation / Work Project / Internship	Compulsory	60	45

NOTES:

(1) Each student must complete 15 ECTS in optional courses to be chosen among this optional group, or courses from other FEP master programmes, in which case these may not exceed 7.5 ECTS, and bearing in mind the need to ensure compatibility between schedules and also the availability of vacancies.

STUDENT PROFILE

Students enrolled/admitted in 2020/2021



Source: WEBGA e Sigarra



Andrea Pärtelpoeg

Thanks to the Master in Finance at FEP I had my biggest learning curve – not only studying the theory, we were forced to put this into practice. All the assignments we had to do, it comes out, are done in the real world in most cases. Even though the professors are top of their field, they are approachable and even more – very motivating in the sense of how dedicatedly giving their lectures. I am grateful for this opportunity. It gave me the confidence to start my career in a way to speak up for new ideas and taking opportunities to learn every day as much as possible. Undoubtedly, I would not be here where I am right now without the degree and most importantly, not heading to achieve bigger goals.



Nuno Rocha

The Master in Finance at FEP is an internationally recognized programme for its innovative approach to the teaching of Finance. The programme is part of a broader academic ecosystem (U.Porto) which is truly stimulating. The faculty of top-notch quality and the talented pool of students make the MiF experience a continuous though-provoking challenge. The master's structure is flexible, allowing students to fine-tune their pathway according to their own preferences. Thus, the MiF is a programme suited both to students with the goal of following a professional career in the world of financial markets as well as to those who wish to follow an academic route. At FEP, you will find a unique programme that fully prepares students to become leaders of exceptional quality.

# MASTER IN MANAGEMENT

The School of Economics and Management (FEP) Master's degree in Management lasts 24 months and is offered in English. Although all its curricular units provide a solid theoretical basis, the focus of teaching is on the application of the concepts addressed to real situations.

In the first semester, the programme offers compulsory courses on Financial Management, Operations and Supply Chain Management, Strategic Management, Sales Management, and People Management. In the second semester, half of the credits are available for students' choices from a group of elective courses. The other half is applied in compulsory courses in the areas of Information Systems, International Business and Business Analytics. The third semester is essentially of application of the concepts studied in two previous semesters, with courses on Business Case Analysis, Business Challenge and Work Plan. The fourth semester is entirely devoted to the writing up of a dissertation, and is the programme's paramount period in terms of students' specialization.

The students are trained to be active participants in a global world, offering them the opportunity to gain international experience throughout the programme. Among the opportunities, the students may take part of the programme in partner institutions. For the Master's in Management in particular, one has:

- Double degree agreements with Kedge Business School in France, FEA-USP (University of São Paulo, Brazil) and Warsaw School of Economics (Poland).
- A membership in the QTEM – Quantitative Techniques for Economics and Management, a network composed of a group of world top universities.
- Specific mobility protocols with a group of foreign universities.

The School of Economics and Management is a school of reference at a national level, and is gaining increasing relevance internationally. The main employers recognize the quality of FEP graduates, they value the training the school delivers. FEP is known for being very demanding. The same at the Master in Management that, in exchange, offers to its students a solid basis of knowledge and training. The ideal for students that want to build an international successful career.

JOSÉ ANTÓNIO MOREIRA  
PROGRAMME DIRECTOR



DAYTIME  
PROGRAMME



PROGRAMME OFFERED  
IN ENGLISH



POSSIBILITY OF QTEM  
OR ERASMUS



MASTERS NETWORK  
P.6

## OBJECTIVES

The Master's degree in Management offers its students a solid training in key Management areas, and allows them to further design part of their academic path and choose specific areas of specialization.

In the context of a deep development of students' social competences, two ideas drive the master's programme delivered training: employability and internationalization.

## TARGET GROUP

The programme is aimed primarily at recently graduated students in Economics, Management and other related areas, although other academic background may be considered on a case-by-case basis. Applicants must be fluent in English.

## INTERNATIONAL MOBILITY

Possibility to enroll in mobility programmes (QTEM or Erasmus).

## DUAL DEGREE

Double degree agreements with Kedge Business School (Marseille / Bordeaux, France), FEA-USP (University of São Paulo, Brazil) and Warsaw School of Economics (Poland).

KEDGE  
BUSINESS SCHOOL

FEAUSP  
UNIVERSITY OF SÃO PAULO

SGH  
Warsaw School  
of Economics



## RANKINGS

The Master in Management is in the 68<sup>th</sup> of the **QS Business Masters Rankings 2020**, of the best programmes in the world in the area of Management.

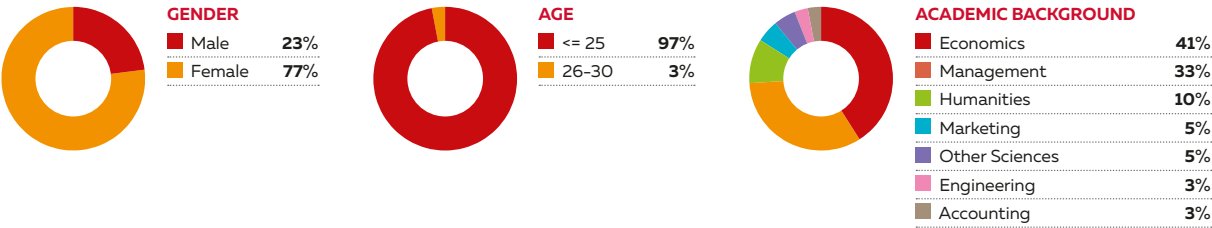


PROGRAMME

	COURSES	HOURS	ECTS
1 <sup>ST</sup> SEMESTER	Business Valuation	24	3
	Financial Management	24	3
	Strategic Management	47	6
	Operations and Supply Chain Management	47	6
	People Management	47	6
	Marketing and Commercial Management	47	6
2 <sup>ND</sup> SEMESTER	Management Information systems	24	3
	Business Analytics	47	6
	International Business	24	3
	Management Research	24	3
	Electives	110	15
3 <sup>RD</sup> SEMESTER	Business Case Analysis	70	9
	Business Challenge	45	6
	Corporate Ethics	24	3
	Seminars	24	3
	Work Plan/Work Project/Internship project	70	9
4 <sup>TH</sup> SEMESTER	Dissertation/Project Report/Internship Report	75	30

STUDENT PROFILE

Students enrolled/admitted in 2020/2021



Source: WEBGA e Sigarra



Maria João

The Master in Management gave me freedom to discover and explore my professional ambitions. The programme allows us to interact with the best professional (Professors and entrepreneurs) and learn with their life experiences.



Tiago Costa

I am proud of having chosen the Master in Management to complement my previous academic skills. Offered in English, the master programme allowed me to grow up in personal and professional terms, and maximize the applicability of the teaching subjects in the entrepreneurial environment. The programme also allows us to face and interact with different international perspectives.







# SPECIALIZATION

MASTERS

# MASTER IN DATA ANALYTICS

Decision-making processes within companies and other organizations rely heavily on the knowledge that decision makers have about the reality where the company acts (markets, customers, producers, etc.). Much of this knowledge can be drawn from data resulting from normal business activity that are continuously accumulated by transactional information systems. Efficient and effective analysis and processing of such data for actionable knowledge may result in better performance of the organization. The data analysis process includes various statistical and data mining (data exploration) techniques, specifically targeted for the extraction of actionable knowledge from large volumes of existing data. All that knowledge extracted from the data provides, ultimately, support in decision making. According to a recent report by the McKinsey Global Institute this is the age of analytics since companies and other organizations are competing in a data driven world.

MARIA EDUARDA SILVA  
PROGRAMME DIRECTOR



AFTER WORK  
SCHEDULE



PROGRAMME TAUGHT  
IN ENGLISH



POSSIBILITY OF QTEM  
OR ERASMUS



MASTERS NETWORK  
P. 6

## OBJECTIVES

The Master in Data Analytics aims to develop skills in designing processes and using technologies and techniques which convert data into information and knowledge that contribute to business decisions. Thus the Master trains students in data analysis and knowledge extraction from databases.

## TARGET GROUP

The Master in Data Analytics is intended for decision-makers wishing to add value to their strategic capabilities by taking advantage of decision support and data analysis systems, as well as specialists in information processing wishing to participate in the development of computational systems for business intelligence and decision support. Our current and past students are now:

- Project Managers (Sonae, Banif, INE, Farfetch)
- Business Intelligence Managers (Optimus, Continente)
- Credit Managers (Credifin)
- Data analysts (Bank of Portugal, Banif)
- Managers and developers of websites (INE)
- Members of teams developing advanced decision support applications (Unicer, Sonae / Enabler, Sonae / Celdata, Siemens)
- Researchers and professors (U. Porto, U. Minho, ISEP, IP Viseu)
- Graduates

## RANKINGS

In 2019 the Master in Data Analytics was considered by **Eduniversal** as the 8<sup>th</sup> best Master's programme in the field of Business Analytics in Western Europe.



The Master's degree was part of the 51<sup>st</sup> position of **QS Business Masters Rankings 2020**, which lists the best programmes in the world in the area of Business Analytics.



Students have access, under certain conditions, to the EMOS (European Master in Official Statistics) qualification. EMOS was established by Eurostat and the European System of Statistics (ESS) in 2014 with the objectives of incorporating the subject of official statistics into the curricula in order to meet training needs and to provide a basis for the recruitment of highly qualified statistical professionals for the ESS and European System of Central Banks (ESCB).



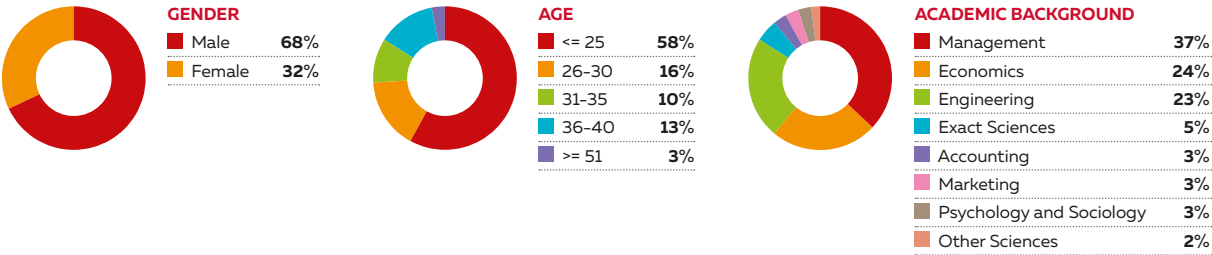
PROGRAMME

	COURSES	REGIME	HOURS	ECTS
1 <sup>ST</sup> SEMESTER	Data Mining I	Compulsory	42	6
	Data Bases and Programming	Compulsory	42	6
	Applied Statistics	Compulsory	42	6
	Data Analysis	Compulsory	42	6
	Laboratory	Compulsory	42	6
2 <sup>ND</sup> SEMESTER	Data Mining II	Compulsory	42	6
	Optimization	Compulsory	42	6
	Forecasting Methods and Time Series	Compulsory	42	6
	Electives to be chosen subject to the approval by the Scientific Committee of the programme	Elective		12
3 <sup>RD</sup> SEMESTER	Seminars	Compulsory	42	6
	Quantitative Case Studies		42	9
	Dissertation / Work Project / Internship Plan	Compulsory	21	9
	Electives to be chosen subject to the approval by the Scientific Committee of the programme	Elective		6
4 <sup>TH</sup> SEMESTER	Dissertation / Work Project / Internship	Compulsory	60	30

NOTES: The choice of electives depends on the compatibility of timetables and vacancies.

STUDENT PROFILE

Students enrolled/admitted in 2020/2021



Source: WEBGA e Sigarra

**Andreia Conceição**

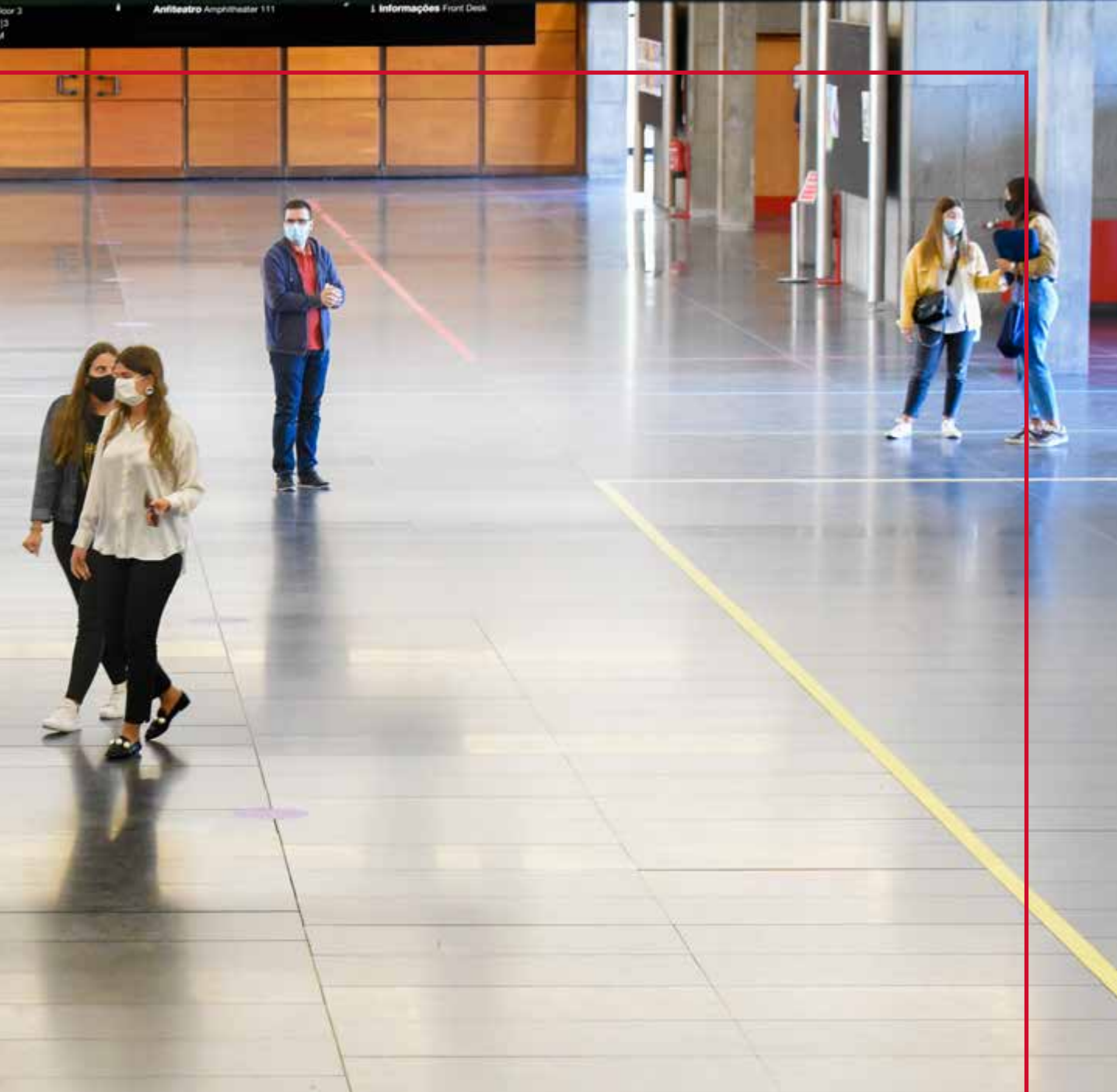
I decided to enroll in MADSAD master because I wanted to expand the analytical knowledge gained during the Bachelor in Economics at FEP. With this master, I learned advanced Data Analysis and Data Mining techniques that allowed me to extract useful information from Big Data to solve complex problems. I consider this master a great investment, as Data Science experts are in need in nearly every job sector and there is a shortage of people with the necessary skills to take those positions. Hence, if you have a passion for math, statistics and information systems, I kindly advise this master to be the next step in your academic path.

**Pedro Costa**

My decision to enrol the Data Analytics Master was motivated by the wide range and relevance of the subjects covered. My expectations were fully met. The excellence of the Faculty has enhanced the acquisition of skills. The heterogeneity of student affiliations has enriched discussions and expanded my network of contacts to new groups. Overall, it was an enriching experience which resulted in significant personal and professional development.







# DOCTORAL

## PROGRAMMES

# PHD IN BUSINESS AND MANAGEMENT STUDIES

The School of Economics and Management of the University of Porto (FEP) was created in 1953 “to promote the teaching and culture of the economic sciences”. After more than six decades, FEP is recognized for the high quality of its faculty and the excellence of its scientific research, which is materialized namely in the distinct professional quality and capacity of its alumni.

The PhD programme in Business and Management Studies, created in 2006, aims to offer students top knowledge with the quality that distinguishes the institution that hosts it, provide them with the respective public recognition, as well as enable them to be integrated into a dynamic and internationalized community research.

The PhD programme in Business and Management Studies includes a course and a thesis. Students can choose one of five areas of specialty (Accounting and Management Control, Finance, Marketing and Strategy, Operations and Logistics, Organisation and Human Resources).

The high number of applicants, as well as the significant number of completed theses and publications (scientific journals and conference papers), as a result of research carried out during the PhD programme in Business and Management Studies, testify to the fact that the work done has been fruitful.

CARLOS F. ALVES  
PROGRAMME DIRECTOR



AFTER WORK  
SCHEDULE



PROGRAMME TAUGHT  
IN ENGLISH

## OBJECTIVES

The main objectives of the Business and Management Studies Doctoral Programme are to:

- Acquire, develop and integrate concepts and theoretical frameworks in management and related fields, and obtain an overview of the state of knowledge in your field of study;
- Develop research skills that enable students to carry out original and rigorous research, formulate significant research questions, design empirical research, and analyse and interpret data.
- Encourage the participation of students in international research networks and the publication of their research in international academic journals.

## TARGET GROUP

The Programme aims to promote the training of researchers in the area of Business and Management Studies. Applicants who wish to enroll in this programme must be highly motivated:

- To become a full member of the international research community of management scholars;
- To participate in international conferences;
- To submit the research for publication in international academic journals.

Candidates are expected to have earned a master's degree from an accredited institution in business and management studies or economics. Candidates who do not satisfy this condition can still be admitted, if they hold a curriculum especially relevant attesting their ability to perform a doctorate in the scientific area of business and management. Satisfying minimal standards does not guarantee admission. Admission decisions are based on a number of factors such as the academic degrees and records, the statement of purpose (motivation letter), and relevant research experience. In the statement of purpose, candidates should describe their research interests and aspirations, and motivation to pursue a doctorate degree. Entry into the highest academic degree is not an action to be taken lightly. The pursuit of the doctorate requires a considerable personal sacrifice and time available on the part of the aspirant.

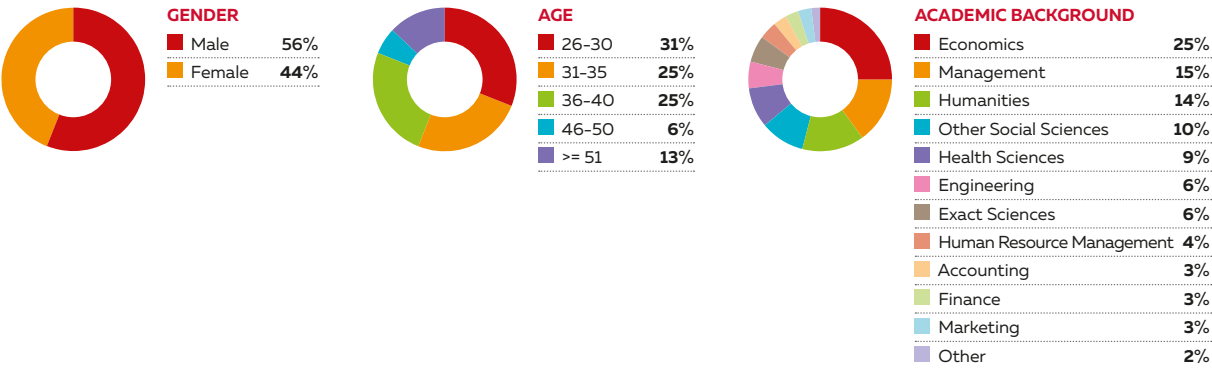


PROGRAMME

CONCENTRATION AREA	MANAGEMENT ACCOUNTING AND CONTROL	FINANCE	MARKETING AND STRATEGY	OPERATIONS AND LOGISTICS	ORGANIZATIONS AND HUMAN RE-SOURCES
1 <sup>ST</sup> SEMESTER	CURRICULAR UNITS				
Compulsory subjects for all areas	Management Thought (6 ECTS) Data Analysis (6 ECTS) Research Methodology in Management (6 ECTS) Generic Elective				
Generic option (choose one)	Industrial and Organizational Economics (6 ECTS) Contemporary Social Perspectives (6 ECTS)				
Specialization area course	Accounting and Financial Report (6 ECTS)	Corporate Finance (6 ECTS)	Strategy and Entrepreneurship (6 ECTS)	Operations Management (6 ECTS)	Human Resources Management (6 ECTS)
2 <sup>ND</sup> SEMESTER					
Elective 1 (choose one of the research methodologies)	Econometric Methods (6 ECTS) Advanced Quantitative Models (6 ECTS) Data Mining Applications (6 ECTS) Qualitative Methodologies (6 ECTS)				
Elective 2 (choose two from the area of expertise)	Accounting and Management Control (6 ECTS) - Non-Financial Reporting (6 ECTS) - Accounting History (6 ECTS)	Corporate Finance Complements (6 ECTS) - Markets and Financial Institutions (6 ECTS) - Advanced Topics in Finance (6 ECTS)	Service and Business Marketing (6 ECTS) - Consumer Studies (6 ECTS) - Branding and Communication (6 ECTS)	Warehouse and Inventory Management (6 ECTS) - Distribution Logistics (6 ECTS) - Optimization (6 ECTS)	Leadership and Organizational Change (6 ECTS) - Organizational Behaviour (6 ECTS) - Management and Society (6 ECTS)
Compulsory subjects	Research Seminars in Management (6 ECTS)				
Free option	The student must complete 6 ECTS of any third cycle of studies in Management or in any third cycle of studies of the University of Porto				
3 <sup>RD</sup> SEMESTER					
Research work mandatory	Thesis Project (30 ECTS)				
4 <sup>TH</sup> SEMESTER TO 8 <sup>TH</sup> SEMESTER					
Research work mandatory	Thesis (150 ECTS)				

STUDENT PROFILE

Students enrolled/admitted in 2020/2021



Source: WEBGA e Sigarra



Miguel Tavares

I believe that the most disctintive feature of this PhD programme is the world class researchers that the School has in house. They can really help you to take your research to the next level. Most of the non elective courses are one to one, with a supervising professor and that is really important, because they allow you to really customize and direct all your efforts according to what you want to research, what you want to achieve.



Catarina Fernandes

Attending the PhD in Business and Management Studies at the School of Economics and Management of the University of Porto proved to be an extremely enriching personal and professional experience, allowing me to acquire, deepen and share a wide range of knowledge and develop solid personal relationships. Endowed with a teaching staff of excellent quality, fostering rigorous scientific research alongside the practical component, the PhD in Business and Management Studies is undeniably playing an important role in my professional activity as a researcher and Professor of higher education. Given the quality, based on rigour and demand, I strongly recommend the PhD in Business and Management Studies.

The PhD Programme in Economics is a four-year, full-time programme. The first three semesters are devoted to coursework; the remaining semesters are devoted to the preparation of the PhD thesis.

The selected cohorts of students that enroll the Programme each year receive training within a stimulating research environment. The Programme is hosted by the Center for Economics and Finance at the U. Porto (cef.up), the leading research unit of the School of Economics and Management of the University of Porto (FEP-UP), which sponsors several courses and seminars over the academic year. Research papers are presented by visiting scholars, by Department faculty and by graduate students. Seminar attendance is an integral part of the PhD programme, as it provides students with knowledge about current research in their areas of interest, as well as acquaintance with researchers in such areas. Presentation of their research results allows students to acquire key academic abilities and to obtain timely feedback from scholars and colleagues on their theses.

ELVIRA SILVA  
PROGRAMME DIRECTOR

## OBJECTIVES

The programme aims at providing students with advanced capabilities in Economic Theory and Quantitative Methods, allowing for a deeper understanding of various specialized areas of Economics and the development of skills for economic analysis and scientific research. Its structure is designed to ensure that the approved theses contribute to the advance of scientific knowledge in the student's specialization area. The programme encourages the submission of research results to publication in accredited scientific journals.

## TARGET GROUP

- Holders of a Masters' degree (or those with the equivalent qualification from a foreign country);
- Holders of Honors' degree (or those with the equivalent qualification from a foreign country), if their curriculum certifies solid capabilities to pursue the doctoral programme;
- Holders of a highly relevant curriculum that certifies solid capabilities to pursue the doctoral programme.

Overall, candidates must hold academic qualifications that allow for acquiring advanced knowledge in Economics, and a motivation to apply such knowledge, with analytical or quantitative tools, to scientific research in Economics.

## DUAL DEGREE

The PhD in Economics has an agreement with the Universities of Milan / Pavia which allows students to complete the PhD programme by obtaining two diplomas. \*

\* Agreement on Renegotiation



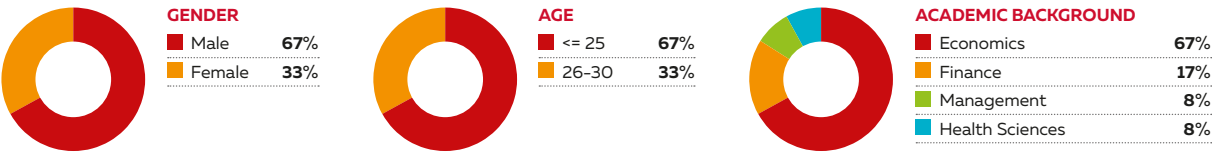


PROGRAMME

	COURSES	ECTS
1 <sup>ST</sup> YEAR 1 <sup>ST</sup> SEMESTER	Mathematical Economics	6
	Microeconomics I	9
	Econometrics I	9
	Macroeconomics I	6
1 <sup>ST</sup> YEAR 2 <sup>ND</sup> SEMESTER	Microeconomics II	9
	Macroeconomics II	9
	Computational Economy	6
	Econometrics II	6
2 <sup>ND</sup> YEAR 1 <sup>ST</sup> SEMESTER	History of Economic Thought	6
	Advanced Economic Analysis	6
	Advanced Economy Topics I	6
	Advanced Economy Topics II	6
	Seminar	6
2 <sup>ND</sup> YEAR 2 <sup>ND</sup> SEMESTER	Thesis Project	30
3 <sup>RD</sup> AND 4 <sup>TH</sup> YEAR	Thesis	120

STUDENT PROFILE

Students enrolled/admitted in 2020/2021



Source: WEBGA e Sigarra

FINANCIAL SUPPORT

The Scientific Board of the PhD programme encourages and supports students who wish to apply for scholarships or other financial support. The Center for Economics and Finance at UP (CEFUP) will have a limited number of scholarships from 2021/2022 on to award students according to their merit. Each scholarship is for a four-year period.

Besides, the main institution responsible for awarding scholarships in Portugal is the Fundação para a Ciência e a Tecnologia (FCT). Over the years, many students in the PhD in Economics

have been awarded scholarships by Fundação para a Ciência e a Tecnologia (FCT). Each of these scholarships lasts for 4 years.

Under the students’ international mobility protocols established between the University of Porto and several European universities, our doctorate students may apply for scholarship support in order to attend one semester abroad. Students applying for scholarships should seek advice from the Scientific Board on how to fill in the application form.

JOB PLACEMENTS

The PhD programme in Economics was established in the academic year of 1998/1999. It has by now graduated more than 50 students, who are currently employed in a variety of private and public institutions in Portugal and abroad. For example, alumni of the programme are currently working for the following international institutions: Munich Centre for Economics of Aging, Max Planck Institute for Social Law and Policy, Germany, Central Bank of Finland, OECD, and the

Copenhagen Business School, Denmark. Regarding national institutions, alumni of the Programme are affiliated to e.g. Instituto Nacional de Estatística, Banco de Portugal, Comissão de Coordenação da Região Norte, Confederação da Indústria Portuguesa, Entidade Reguladora da Saúde, Universidade do Porto, Universidade Católica do Porto, Universidade Fernando Pessoa, Instituto Politécnico do Porto, Universidade do Minho, Universidade Lusíada.



## ABOUT PORTO

FEP and the University of Porto are located in Porto.

Porto historical town is UNESCO world heritage. Porto is closely linked to Douro River and to the Douro River valley and vineyards, UNESCO world heritage site as well. Porto is an Atlantic city with clean beaches and close to worldwide known surf sites.

***“Porto combines both the grandeur of its history and its very up-to-the-minute cool”***

New York Times, January 28 2016

Porto is a city of an immense cultural heritage, famous for its Port wine and Port’s cellars, its lively and genuine old town and colourful markets, its tram city tours and its historical architecture. This includes a bridge designed by Eiffel, a Beaux-Arts train station, with magnificent tiles, a Baroque masterpiece cloister, and numerous Romanesque, Gothic, Mannerist and Neoclassical cathedrals and churches.

But Porto is also the home city of two Pritzker prizes (the Nobel of architecture), architects Álvaro Siza Vieira and Eduardo Souto Moura, both former alumni and faculty members at the School of Architecture of the University of Porto. Their contemporary architecture footprint is all over the city. Among their best known works, Serralves Contemporary Art Museum, Boa Nova Tea House, Casa das Artes, and Trindade train station, are located in Porto. Casa da Musica, designed by Dutch architect Rem Koolhaas, is another example of the city’s vanguard architecture and an impressive music hall.

It is possible to wander along the seaside, at Foz, or along the riverbank, from Foz to Ribeira, or walk down the main city park of over 80 hectares towards the Atlantic or in Serralves’s French design gardens.

Porto has a vibrant social and night life. On top of the many traditional local food delicacies, dining out is inexpensive and there is an abundance of fresh fish and seafood from the fish villages nearby.

- Traditional Midsummer festival (S. João, on the night of 23rd of June)
- Music summer festivals (Primavera Sound, Marés Vivas)
- International film festivals (Fantasporto)
- Sailing competitions
- FC Porto (UEFA Champions League) football games

**Porto has won three times The Best European Travel destination awards (2012, 2014 and 2017).**

Porto is a very attractive place to visit. But, more than just visiting, Porto is a place to live. Indeed Porto is a pleasant, safe, affordable and sunny city.

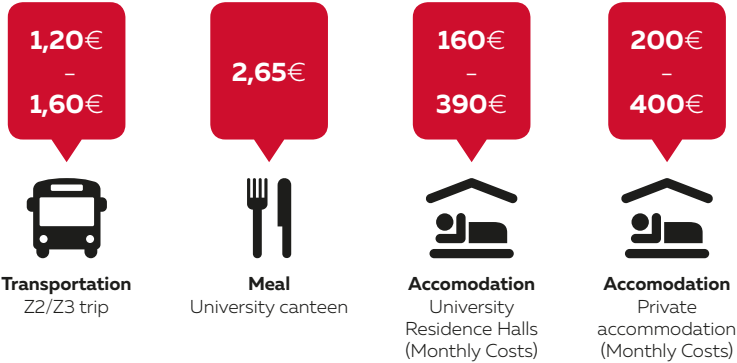


Porto has a modern international airport (among the first three best airports over the last five years) with several airline carriers assuring direct connectivity to Europe, the Americas, Africa and Asia.

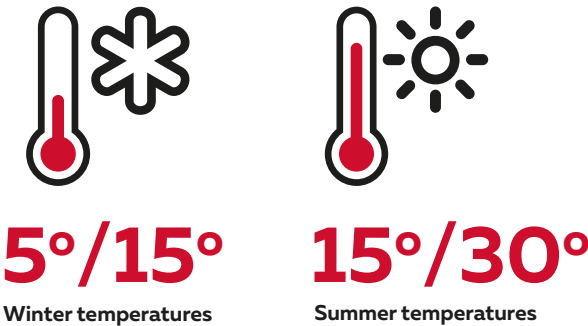
Porto is also served by fast trains with daily connections to Lisbon, Madrid and Paris and by a highway network to Portugal and Spain major cities.

Porto has extensive local public transportation (metro and over 400 buses with free WiFi) connection (to/from the airport and train stations) with daily and night time schedules.

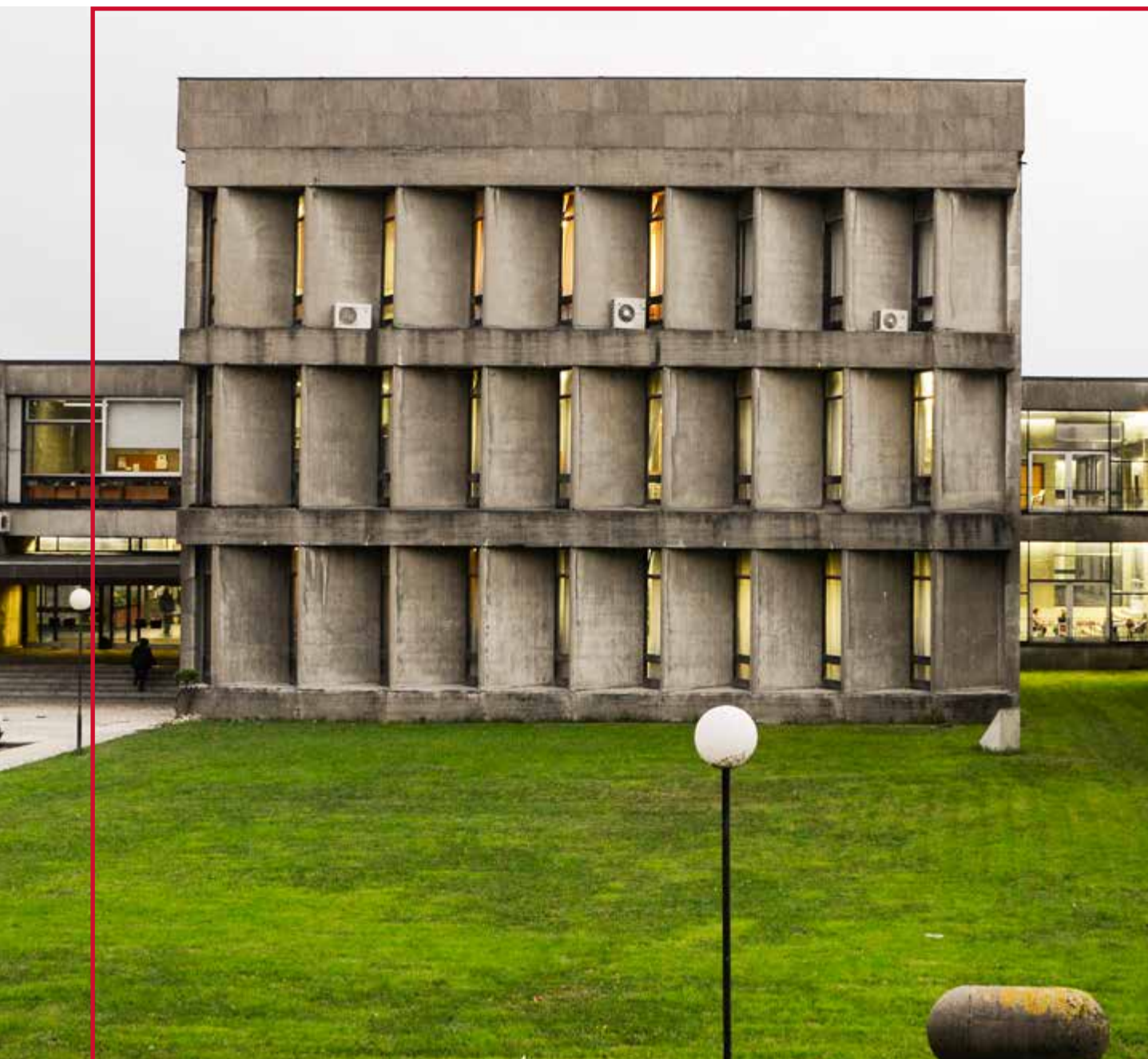
**COST OF LIVING**



**PORTO HAS A MILD CLIMATE**







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2<sup>nd</sup> Edition

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<b>MIF</b>	FINANCE
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The pre-experience Masters are intended mainly to newly graduates, in Economics and Management, with little or no work experience.

## SPECIALIZATION MASTERS

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The specialization Masters (MSc) are targeted to graduates in Economics, Management and other fields, with or without professional experience, who wish to complete their training, or to update their competences in a specialized area.

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Information available on [www.fep.up.pt](http://www.fep.up.pt)

## **APPLICATIONS**

Submission online at [www.fep.up.pt](http://www.fep.up.pt).

## **INFORMATION AND CONTACTS**

[gmc@fep.up.pt](mailto:gmc@fep.up.pt)

Faculdade de Economia

da Universidade do Porto

Rua Dr. Roberto Frias, 4200-464 Porto

Telephone + 351 225 571 100

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