Lisbon School of Economics & Management
Universidade de Lisboa

Masters in Data Analytics for Business

iseg.ulisboa.pt

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Master the world in a school built for the future.

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Welcome to the next level of Business Analytics in the heart of Lisbon.

It's your chance to start making an impact in the information age. ISEG's Masters in Data Analytics is especially relevant for quantitative methods enthusiasts, since its main topics of interest are Business Information Systems, Mathematics and Data Analysis.

The Masters in Data Analytics for Business is the ultimate course for decision-makers. Our advanced programme prepares its students for the new challenges associated with the reality of big data, business analytics, coding, data science, and machine learning.

Your future is here. Climb on board.

INNOVATION AWARDS
EDUNIVERSAL BEST MASTERS 2021

Top 8 reasons

to do a Masters in Data Analytics for Business @ISEG Lisbon

01.

ISEG is the Portuguese business school with the **most solid and successful experience in teaching applied mathematics and quantitative skills** – our Applied Mathematics bachelor's degree (MAEG) is the country's #1 choice in the field Mathematics applied to Economics and Management (minimum GPA 18.75/20 in 2020).

02.

Highly qualified faculty with PhDs from world-class universities (Cranfield, Delaware, Duke or Wisconsin).

03.

Covers the most sought-after topics that organizations view as current challenges, such as big data, coding, business analytics and intelligence, forecasting, machine learning, and optimization.

04.

A one-year full-time programme (plus one semester for the master's project, dissertation, or internship), which will prepare you to stand out in a competitive marketplace.

05.

Experienced faculty doing business translation of data analysis.

06.

Sets you up for the **reality of data science** applied to the business world.

07.

Uses a **mix of instructional methods**, with real life cases and data, that will make you think and act.

08.

Gives you the mind-set for an **international career**.

Miguel Malato Correia
Associate - Credit Sales
Goldman Sachs, London, UK

"

Today I am sure I could not have made a better choice! The strong practical component, culture of excellence and the encouragement towards critical thinking have prepared me for the highly competitive professional world, giving me all the skills I need to succeed. I met amazing people while studying there, made great friends and learned with world-class professors, who never failed to help or give me advice.

Study plan

	Course Units	Credits	Semester
YEAR 1	Business Intelligence and Decision Support	4	1
	Data Platforms for Analytics	6	1
	Decision Making and Optimization	6	1
	Enterprise Analytics	4	1
	Programming Foundations	4	1
	Statistical Methods and Visualization	6	1
	Advanced Statistical Methods	4	2
	Big Data Tools and Analytics	4	2
	Forecasting Methods	6	2
	Machine Learning and Data Mining	6	2
	Programming for Data Science	6	2
	Research & Development Seminars	4	2

	Course Units	Credits	Semester
YEAR 2	**Master's Final Work – MFW** · Dissertation · Project · Internship	30	1

Key Facts

Start Date:
September

Schedule:
Daytime Classes

Duration:
2 Semesters of Classes
1 Semester for the
Master's Final Work

Language:
English

Tuition Fees:
From within the EU: €6.850
From outside the EU: €8.150

Programme Directors:
Mário Caldeira
Rui Paulo
Mário Romão
João Afonso Bastos

Recognition:

INNOVATION AWARDS
EDUNIVERSAL BEST MASTERS 2021

4th in the World Innovation Awards Best Masters Global Ranking 2021

10 things you gain by joining ISEG

01.

You enrich your curriculum. ISEG Lisbon entered the prestigious Global **Financial Times FT Rankings** in 2020, with the Master in Finance, and is accredited by **AACSB**, a distinction earned by only 5% of business schools in the world.

02.

You feel safe. **ISEG's campus is certified COVID-SAFE**, a guarantee of safety and readiness to adapt to the pandemic crisis.

03.

You're always connected. All classrooms are **technologically fully equipped**, for a perfect learning experience, whether it's online, in-person, or hybrid.

04.

You broaden your horizons. ISEG is part of the **University of Lisbon, the leading Portuguese university** according to the selective Shanghai Ranking (ARWU) and has an impressive list of partnerships with top-ranked international schools.

05.

You live like a "lisboeta". ISEG is perfectly located for **Lisbon's downtown lifestyle experience**. It's a vibrant, multi-cultural and cosmopolitan European capital.

06.

You're surrounded by knowledge. ISEG's **high quality research** centers are engaged in a diverse array of international research projects.

07.

You're part of an inclusive club. ISEG has a large, diversified, global network of **talented and successful Alumni**.

08.

You become an asset. **ISEG graduates are highly desirable to top employers** both in the private and in the public sector, all over the world.

09.

You join a **winning team**. ISEG students and faculty are well known for winning international and national awards for best case studies, best dissertations and research output, applied projects, as well as in student competitions such as the CFA Challenge or the Junior Achievement Awards.

10.

You grab your future. ISEG students benefit from a **collegiate and open-minded atmosphere, in which the United Nations' Sustainable Development Goals (SDGs) play a special role**, leaving them well prepared in quantitative subjects to become influential and conscientious leaders.

ISEG's Campus is Certified COVID SAFE

Apply now:

www.iseg.ulisboa.pt/cursos/mdab
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OPEN MINDS. GRAB THE FUTURE.

Lisbon School of Economics & Management

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Rankings:

Master in Finance Ranking 2020

Member:

Accreditations and Partnerships:

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