





Located in the center of Lisbon,
ISEG has a long tradition and
experience in research and teaching
in INFORMATION SYSTEMS,
MATHEMATICS, AND DATA
ANALYSIS. The MASTERS IN
DATA ANALYTICS FOR BUSINESS

prepares its graduates for the new challenges associated with the reality of big data, business analytics, coding, data science, and machine learning.

"My experience throughout the Masters at ISEG Lisbon was only positive on both a personal as well as an educational level. The quality of the professors and lectures compares well to international top level and I would make ISEG the first choice for my Master's again without a doubt!"

8 reasons why Masters in

Data Analytics for Business @ISEG Lisbon



BENEDIKT GRUNDHEBER

Senior Associate · Valuation Analyst

KPMG, Frankfurt, Germany

01

ISEG is the Portuguese School with the most solid and successful experience in teaching applied mathematics and quantitative skills – our bachelors in Applied Mathematics (MAEG) is choice #1 in the country in the fields of Mathematics, Economics and Management (minimum GPA 18.4/20 in 2019).

05

Experienced faculty in preparing YOU for Business Translation of data analysis.

Highly qualified faculty with PhDs from world-class universities (e.g., Cranfield, Delaware, Duke, Wisconsin) will teach YOU.

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.

94

A one-year full-time program (plus one semester for the master's project, dissertation, or internship) preparing YOU to stand out in a competitive marketplace.

06

Prepares YOU for the reality of data science applied to the business world.

07

Uses a mix of instructional methods, with real life cases and data, preparing YOU to think and act.

08

Provides YOU with the mind-set for an international career.



study plan



$year 1 \cdot semester 1$

Business Intelligence and Decision Support

(4 ECTS

Data Platforms for Analytics (6 ECTS)

Decision Making and Optimization

(6 ECTS

Enterprise Analytics

(4 ECTS

Programming Foundations

(4 FCTS

Statistical Methods and Visualization

(6 ECTS)



year 1 · semester 2

Advanced Statistical Methods

(4 ECTS

Big Data Tools and Analytics

(4 ECTS

Forecasting Methods

6 ECTS

Machine Learning and Data Mining

(6 ECTS)

Programming for Data

Science (6 ECTS)

Research & Development Seminars

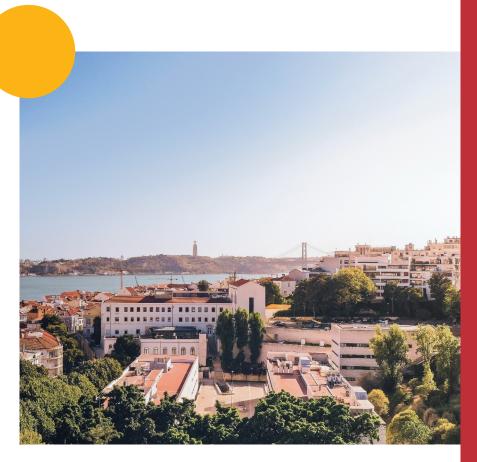
(4 ECTS)



year 2 · semester 1

Master's Final Work - MFW

(30 ECTS)
Dissertation
Project
Internship



key facts

START DATE:

September

SCHEDULE:

Daytime Classes in Year 1

DURATION:

2 Semesters of Classes

1 Semester for the Masters Final Work

LANGUAGE:

English

TUITION FEES:

From within the EU: €6850 From outside the EU: €8150

PROGRAM DIRECTORS:

Mário Caldeira Rui Paulo

10 reasons why **ISEG Lisbon**

ISEG is a School of the University of Lisbon, a leading university as recognized by the selective Shanghai ranking (ARWU).

ISEG's high quality research centers are engaged in a diverse array of international research projects.

ISEG Masters' students and faculty win awards and recognition for best case studies, best dissertation and research output, and applied projects.

As part of the University of Lisbon, ISEG belongs to **UNITE! - University Network** for Innovation, Technology and Engineering - a network that aims to foster cooperation between higher education institutions in Europe.

ISEG has a large, diversified, global network of talented alumni.

ISEG is committed to the United Nation's Sustainable Development Goals (SDGs) for 2030.

ISEG is accredited by AACSB, a distinction earned by only 5% of business schools in the world.

ISEG is located in downtown Lisbon, a vibrant, multi-cultural, cosmopolitan, and sunny European city.

ISEG students are highly desirable to top employers in government, private industry, and higher education around the world.

ISEG students benefit from a collegiate and open-minded atmosphere with many opportunities to interact with their peers and with professors.

INTERNATIONAL ACCREDITATIONS AND PARTNERSHIPS:















MEMBER:





Apply now:

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