



NOVA

IMS

Information
Management
School

Postgraduate
Program in

Enterprise Data Science & Analytics

In partnership with



Microsoft

www.novaims.unl.pt

Instituto Superior de Estatística e Gestão de Informação
Universidade Nova de Lisboa

Postgraduate Program in Enterprise Data Science & Analytics



1st PORTUGAL

3rd EUROPE

3rd WORLD



EDUNIVERSAL
RANKING 2022
BEST MASTERS

Developed in partnership with Microsoft, the Postgraduate Program in Enterprise Data Science & Analytics is aimed at professionals interested in deepening their knowledge in data science, particularly in enterprise environments.

The goal of this program is to qualify professionals in data science, using state-of-the-art technologies and methodologies that bring together the best knowledge and capabilities of both organizations.

This program will present the methodologies and tools that will transform data into information, on which enterprises can base strategic information on entering new markets, launching new product or service lines, optimizing processes, transforming business models and, generally, competing in a market increasingly driven by data-driven decisions.

Goals

The main goal of this program is to train technical staff to use Big Data and Machine Learning tools and methodologies in the:

- Exploration and transformation of data;
- Creation of data models and data visualization;
- Application of statistical methods to data;
- Application of data science methodologies;
- Implementation and validation of Machine Learning models;
- Application of data science techniques to common scenarios in enterprise environments.

Who is it for?

This program is aimed at professionals interested in deepening their knowledge in data science and advanced analytics, as well as in the creation of predictive models and their practical application in enterprise environments.

It aims to tackle the shortage of highly qualified professionals in this field, with one of the highest growth in the current market of information systems.

Study Plan

The study plan of this program consists of 9 course units (60 ECTS):

SPRING SEMESTER

Course Units	ECTS
Data Science and Machine Learning	7,5
Managing Relational and Non-Relational Data	7,5
Programming for Data Science	7,5
Statistics for Enterprise Data Analysis	7,5

FALL SEMESTER

Course Units	ECTS
Analyzing Big Data	7,5
Analyzing and Visualizing Data	3,5
Big Data Foundations	7,5
Deep Learning Neural Networks	4
Enterprise Data Science Bootcamp	7,5





Faculty Staff

This faculty staff of this program includes internationally renowned academia and reputable experts, to ensure a scientific training.

Academic Calendar and Timetable

The classes will start in February, ending in December of the same year, and run after working hours (after 6.30 p.m.), 2 to 3 times a week.

Entry Requirements

To enter this program, applicants must meet the following requirements:

- Hold a bachelor's degree in a compatible field (completed by February);
- Be proficient in English (spoken and written).

Contacts

For more information about this program, please contact any member of the team:

Coordinators of the Program

Roberto Henriques

roberto@novaims.unl.pt

Henrique Carreiro

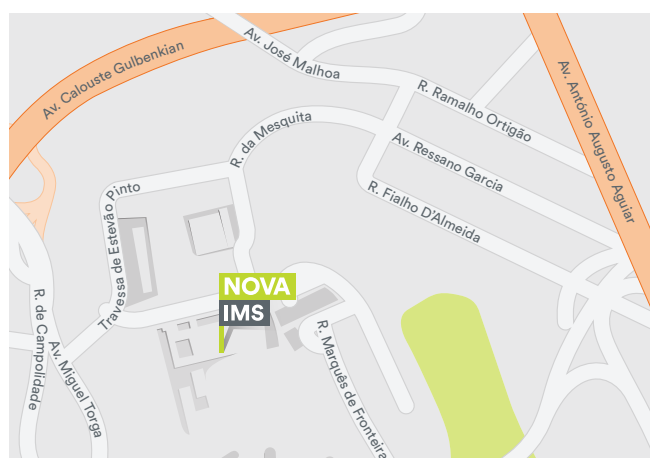
hcarreiro@novaims.unl.pt

Admissions Office Coordinator

Beatriz Branco

abranco@novaims.unl.pt

+351 213 828 610 (Call to the national fixed network)



How to get to NOVA IMS

Carris

701, 713, 716, 726, 742, 746, 756, 758, 770

Metro

São Sebastião (Blue and Red Lines)

Praça de Espanha (Blue Line)

GPS Coordinates

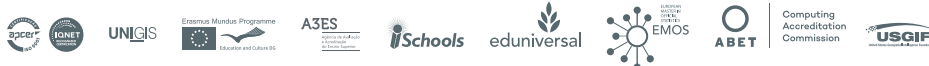
38.732462 | -9.159921

Campus de Campolide, 1070-312 Lisboa

Tel: +351 213 828 610 (Call to the national fixed network)

Fax: +351 213 828 611

NOVA IMS' Accreditations and Certifications



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