NOVA
IMS
Information Management School

Postgraduate Program in

Information Management and Business Intelligence in Healthcare

www.novaims.unl.pt

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

Postgraduate Program in
Information Management and Business Intelligence in Healthcare

The dynamics of the globalized environment in which the healthcare sector performs, has been highlighting as a critical success factor and generator of competitive advantages for the business, the ability of organizations to have access to data, information and knowledge, at the right time, transparently and reliably.

In this context of intensive knowledge, the ability of organizations involved in the healthcare system to identify, retrieve and explore their knowledge repositories, in order to create value for their business and support the decision-making process, is a critical factor to guarantee its competitiveness.

While using information systems and technologies for the collection, storage, analysis and availability of information that supports managers in decision making, Business Intelligence is one of the main foundations for the creation of competitive advantages in global economy in which we live today.

Goals

The goal of this program is to train experts and managers to:

- Meet the challenges of the new healthcare market using the instruments of planning and management control in healthcare organizations;

- Know and manage the processes of innovation and change, as well as customer relationships in the new healthcare market;

- Introduce the principles of Information Management and Knowledge Management to promote the competitiveness of organizations working in the health sector;

- Understand the process of Business Intelligence and manage the infrastructure components of Business Intelligence (BI) - people, processes, and technologies;

- Use analytical applications monitoring the performance of organizations, and identify key indicators of the analytical applications in healthcare.

Who is it for?

The postgraduate program is aimed at undergraduates who wish to acquire skills in information management, knowledge management and Business Intelligence in healthcare. Among the target of this postgraduate program, those who have responsibilities in marketing, planning and control, quality control, information systems, marketing, purchases and logistics, human resources, technical staff and managers that work in fields that support decision making, stand out in the selection process. This postgraduate program is also aimed at healthcare professionals who are responsible for the services management as well as managers and leaders in healthcare who need to develop studies and projects in Business Intelligence.

Study Plan

MANDATORY COURSE UNITS

Business Intelligence Miguel de Castro Neto	7.5 ECTS	New Healthcare Market José Carlos Caiado	4 ECTS
Innovation, Change Management and the New Healthcare Client Guilherme Victorino	7.5 ECTS	Planning and Management Control in Healthcare Organizations José Carlos Caiado	7.5 ECTS
Leadership and People Management Gustavo Madeira and António Martins	7.5 ECTS	Sustainable Healthcare Guilherme Victorino	3.5 ECTS

To earn the postgraduate program diploma in Information Management and Business Intelligence in Healthcare, students complete 60 ECTS, of which 37.5 are in mandatory course units and 22.5 in elective course units, chosen by the students from a wide range of courses offered by NOVA IMS, ENSP-NOVA, and IHMT-NOVA.

ELECTIVE COURSE UNITS OFFERED BY NOVA IMS

Among the wide range of elective courses offered by NOVA IMS, the following are advised:

- Big Data Analytics
- Descriptive Methods of Data Mining
- Knowledge Management
- Predictive Methods of Data Mining
- Research Methodologies

To see the full list of elective course units, please visit **www.novaims.unl.pt/GIBIS**

Testimonials

Access to the Master degree program

The postgraduate program gives access to the Master degree program in Information Management, with a specialization in Knowledge Management and Business Intelligence, through the development of a scientific thesis, a work project or a professional internship, and the approval of the following course units:

- Big Data Analytics
- Business Intelligence II
- Descriptive Methods of Data Mining
- Knowledge Management
- Predictive Methods of Data Mining
- Research Methodologies

Scientific Coordination

- José Carlos Caiado (NOVA IMS)
- José Fragata (NMS | FCM)
- Guilherme Victorino (NOVA IMS)
- Rui Santana (ENSP-NOVA)
- Luís Lapão (IHMT-NOVA)

EDUNIVERSAL RANKING 2022

Postgraduate Program in
Information Management and Business Intelligence in Healthcare

1st WORLD EUROPE PORTUGAL

The **Postgraduate Program in Information Management and Business Intelligence in Healthcare** is ranked as **the best program in Health Management in the World** by Eduniversal, an international agency that publishes the annual ranking of the best MBA and Master programs in the world.

Master degree program in
Information Management

Specialization in
Knowledge Management and Business Intelligence

1st WORLD EUROPE PORTUGAL

The **Master degree program in Information Management, with a specialization in Knowledge Management and Business Intelligence**, is ranked as **the best master degree program in Business Intelligence and Strategy in the World** by Eduniversal.

EDUNIVERSAL
RANKING 2022
BEST MASTERS

NOVA IMS
Information Management School

Information Management and Business Intelligence in Healthcare

www.novaims.unl.pt

Academic Calendar

The program lasts two semesters. The classes will start in February, ending in December, and run after working hours (after 6.30 p.m.), 2 to 3 times a week.

Faculty Staff

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

Entry Requirements

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

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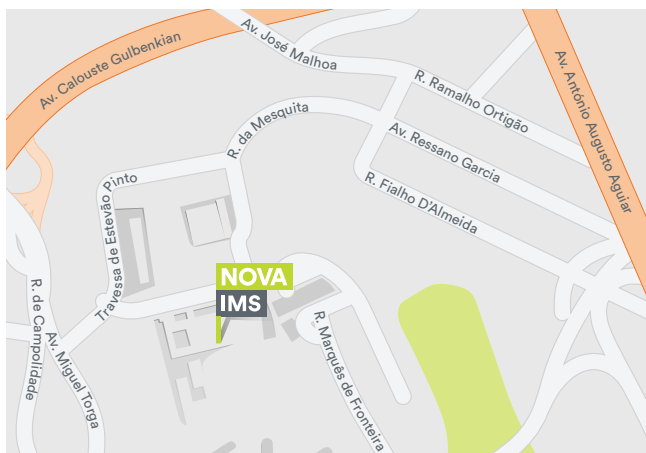- Be proficient in English (spoken and written).

Contacts

For more information about the NOVA IMS' program, please contact any member of the team:

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)
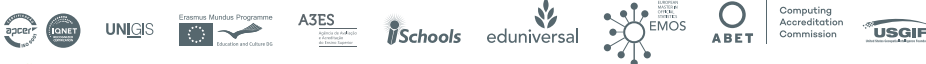Praça de Espanha (Blue Line)

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

apcer | IQNET | UNIGIS | Erasmus Mundus Programme Education and Culture DG | A3ES Agência de Avaliação e Acreditação do Ensino Superior | iSchools | eduniversal | EMOS EUROPEAN MASTER IN OFFICIAL STATISTICS | ABET | Computing Accreditation Commission | USGIF

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