

NOVA

IMS

Information
Management
School

Postgraduate
Program in

Smart Cities

With the support of



ASSOCIAÇÃO NACIONAL
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VISEU



www.novaims.unl.pt

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

Postgraduate Program Smart Cities



The importance of urban intelligence in constructing cities is now an indisputable reality. Smart cities, able to respond in an integrated manner and in real time to different urban challenges, cities that promote inclusive and efficient solutions in the use of resources but that also generate added value and create new markets.

The Postgraduate Program in Smart Cities is aimed at those who want to actively participate in this process, particularly in the creation of innovative information systems in the context of urban analytics that take advantage of the latest developments in participatory citizenship, open data, mobile computing and the Internet of Things.

Testimonials



A demanding program, as it should be since we are talking about NOVA IMS, that covers the most important topics not only for those who already work in Smart Cities, but for all those who have an interest in these matters. Very enriching.

Sílvia Isabela Breu

Head of the Municipal Development Office
of the Municipality of Oeiras



Combining with theory and practice, this course enables us to better understand the promising future of smart cities.

Wang Shuangao

International Student



I had a great, intense, interesting and challenging experience, both in terms of technological knowledge and the exchange of professional experiences during the postgraduate program in Smart Cities.

Joana Branco Gomes

MainSide

Goals

The Postgraduate Program in Smart Cities aims to prepare professionals able to participate in the construction of analytical cities by developing innovative solutions of collection, processing and analysis of city data to promote a better governance in parallel with a more active and participatory citizenship.

With the proposed study plan, this innovative Postgraduate Program is set on a modern structure that combines the several fields that support the information systems of the Smart Cities with the real challenge that the construction entails.

Who is it for?

The postgraduate program is aimed at managers, technical staff in municipalities, government or private sectors, and other professionals that wish to acquire skills and knowledge in information systems for Smart Cities, using the most advanced technologies, data collection, analysis and processing methods.

Study Plan

The study plan consists of 9 course units:

FALL SEMESTER

Course Units	Professor(s)	ECTS
Sustainable Cities Scientific Field: IS / GIS	Miguel de Castro Neto / João Sousa Rêgo	7,5
Geographic Information Systems Scientific Field: GIS	Marco Painho	7,5
Database Management Systems Scientific Field: IS	Vitor Santos	7,5
Information Technologies in Cities Seminar I Scientific Field: IS / GIS	Miguel de Castro Neto / João Sousa Rêgo	3,5
Elective Course Unit*	-	7,5

SPRING SEMESTER

Course Units	Professor(s)	ECTS
Urban Analytics Área Científica: SI / SIG	Miguel de Castro Neto / André Barriguinha	7,5
Mobile and Ubiquitous Computing (by Compta) Scientific Field: IS	Paulo Fernandes / Tiago Andrade	7,5
Information Technologies in Cities Seminar II Scientific Field: IS / GIS	Miguel de Castro Neto / João Sousa Rêgo	4
Elective Course Unit*	-	7,5

Scientific Field: IS - Information Systems | GIS - Geographic Information Systems

*See the available Elective Course Units at: www.novaims.unl.pt/SC



Faculty Staff

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

Academic Calendar

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

Applications

The requirements for the application are:

- Bachelor's degree in a compatible field;
- Analysis of academic and professional curriculum;
- Interview with the Admissions' Jury Panel.

Contacts

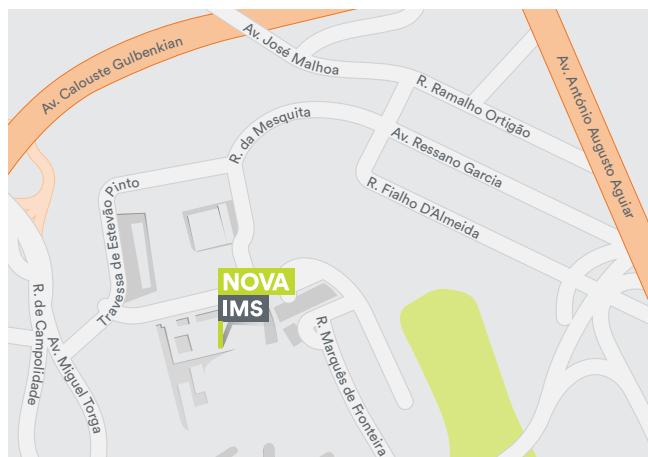
For more information about the NOVA IMS' program, please contact any member of the team:

Coordinator of the Program

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Admissions Advisor

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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

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NOVA IMS' Accreditations and Certifications

