

# WHAT IS YOUR DREAM?

BACHELOR'S DEGREES 2025/26

**NOVA**  
**IMS**  
Information  
Management  
School

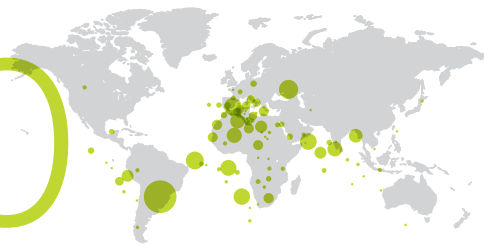


# Transforming data into opportunities

At NOVA IMS, we believe data is the key to success. Here, we combine innovation, technology and knowledge to train professionals for the challenges of the present and the opportunities of the future. With a global community and practical, innovative training, we open doors to a market without borders.

Student nationalities

100



Foreign students

30%

Employability\*

97%

Employability Rate measured according to the QS Employment Rate criteria

Average monthly net salary\*

€1077



Highest value among NOVA University graduates

\*Independent ObipNOVA report on NOVA IMS graduates, in 2020, one year after graduation.

## NATIONAL AND INTERNATIONAL RECOGNITION

*Ten Masters and postgraduate programs classified by Eduniversal in the World TOP Ranking of the Best Masters 2024*



International agency that publishes the annual ranking of the best Masters and MBAs in the world.

*First Institution in the Iberian Peninsula to join iSchools*



International organization that brings together leading universities in the research and teaching of information sciences.

*First bachelor's degree in Europe accredited in Information Systems by ABET*



North American Accreditation Agency, world leader in quality certification and in encouraging innovation in academic programs in applied science, computing, engineering and technology-related fields.

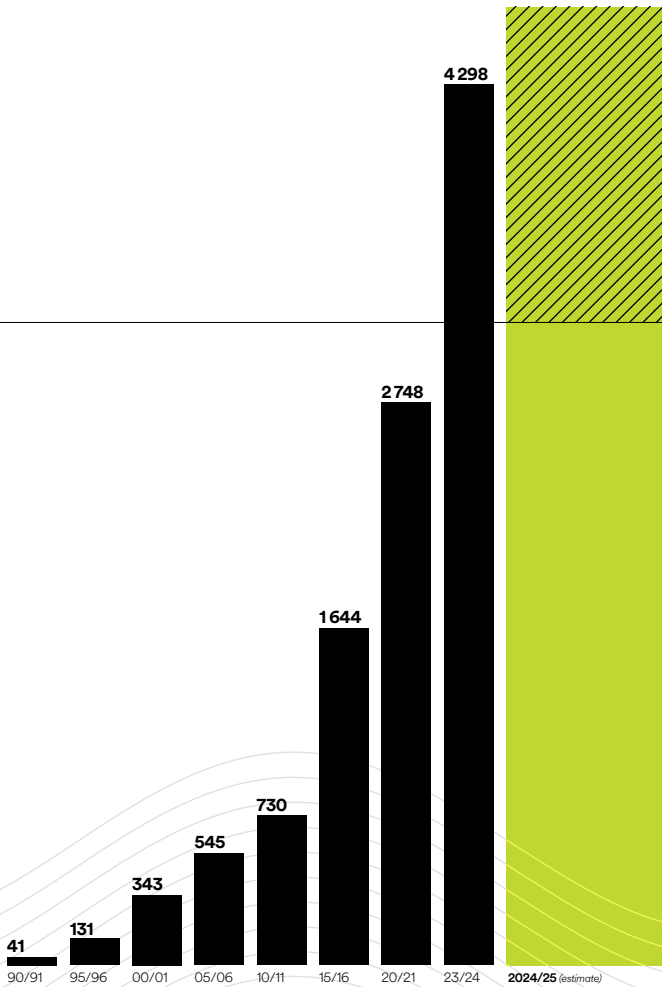
*Recognized as one of the 15 Academic Centers of Excellence in the World*



Leading process mining company, recognized by the Gartner Magic Quadrant™ 2024. The "Academic Center of Excellence" title is awarded to institutions that stand out in teaching and research in this area.

Estimated number  
of enrolled students

# 4500



*IDC Technological  
Innovation  
Award – best Digital  
Transformation project  
in the education sector*

*Eight professors  
recognized  
in the top 2%  
of researchers  
worldwide ranking  
by Stanford/Elsevier*

**PORTUGAL  
DIGITAL  
AWARDS** 2024 

**TOP 2%  
SCIENTISTS**  
LEADING MINDS IN SCIENCE 



## What if you could see what no one else can?

We all grew up hearing that we should follow our dreams. But what if I told you that the future of dreams – across almost every industry, profession, and innovation – lies in data?

At NOVA IMS, we don't see data as mere numbers. We see patterns where others see chaos. We find answers where others don't even see questions. We are the only school in Portugal exclusively dedicated to Data Science, Artificial Intelligence, and Information Management – not because these fields are trendy, but because we've known for decades that they shape the future.

Our commitment is not just to teach but to transform knowledge into impact. In the 16 NOVA IMS laboratories, students, professors, companies and public organizations work together to solve real challenges. Here, data helps make cities more efficient, anticipates disease outbreaks, and even optimizes how concerts and festivals are organized. And that is just the beginning. Data is behind the recommendations of your favorite songs, the algorithms that adjust traffic in real-time, and even the technology that makes sports more strategic. What you learn doesn't stay in books – it applies to real-world challenges.

That's why NOVA IMS has become a national and global benchmark. Our Master's Degree in Management, with a specialization in Business Intelligence, has been ranked as the best in the world for the last six years. Our researchers are recognized globally: eight are in the top 2% worldwide, and two are in the exclusive group of the top 1% of Highly Cited Researchers. What about our graduates? 97% are employed straight after graduating, occupying key positions in some of the fastest-growing and most in-demand areas of the market.

But in the midst of all this, there is one question that only you can answer: what is your dream?

Whether it's to use data to answer the big questions of our time, create innovative solutions, or simply find a path that has yet to be discovered, NOVA IMS is the right place for you.

**Miguel de Castro Neto**  
Dean of NOVA IMS



# Why NOVA IMS?

## 01 A School ahead of its time

NOVA IMS is the only school in Portugal specializing in data, for over 35 years. Here, you study at a pioneering institution, where innovation and technology are always at the forefront.

## 02 International environment from day one

At NOVA IMS you will meet students from different nationalities and learn in a global context, essential for the future of work.

## 03 Your career starts here

With an employability rate of 97% and the highest salaries of Nova University graduate students, our bachelor's degrees prepare you for a promising future.



## 04 Preparing for the future

Our programs develop the five skills identified by the World Economic Forum as essential for the future of work: analytical thinking, creativity, technology, continuous learning, and flexibility.

WORLD  
ECONOMIC  
FORUM

## 05 A welcoming and supportive environment

No one is just a number at NOVA IMS. The proximity between students, professors, and staff creates a unique environment, where everyone is part of a real community.

## 06 Rewarding your talent

The efforts of the best students are rewarded with academic distinctions, encouraging your excellence and commitment.



## 07 Connection to the Job Market and Career Development

We have strong links with companies across various sectors and offer specialized mentoring programs to support you in shaping your career.

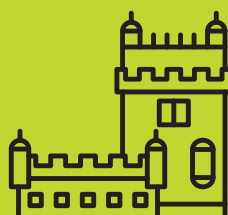
## 08 A dynamic academic experience

Life at NOVA IMS goes far beyond the classroom. The student spirit is strong, and there are numerous activities and initiatives for you to get involved in, both on and off campus.



## 09 In the heart of Lisbon

Studying at NOVA IMS means being in the heart of the capital, with excellent transport connections and everything Lisbon has to offer right at your doorstep.



## 10 The world at your fingertips

We are part of an extensive Erasmus network, offering you international experiences and new opportunities.

# The Data Cycle

## From digital transformation to decision-making

Three bachelor's degrees, one goal: to train professionals ready to lead in the Data Era. What's your starting point?

**1**

### THE FOUNDATION OF DIGITAL TRANSFORMATION

#### Data collection and storage

Bachelor's Degree in  
**Information Systems** (LSTI)

The starting point of the data cycle: you develop skills to store, organize, and ensure the security of today's most valuable raw material, creating the essential infrastructure for analytical work.

**Highlights:** System architecture and database management, cloud computing, data security, privacy and governance, Big Data processing and organization.

**2**

### FROM DATA TO INFORMATION

#### Analysis and insights

Bachelor's Degree in  
**Data Science** (LCD)

With well-managed data, it's time to analyze it: you will learn to use artificial intelligence, machine learning, and statistics to transform data into information.

**Highlights:** Artificial intelligence, machine learning, statistical and predictive modeling, data visualization, model optimization.

**3**

### INFORMATION-BASED MANAGEMENT

#### Decision-making support

Bachelor's Degree in  
**Information Management** (LGI)

Good management happens when we are able to analyze data to provide information that supports decision-making and drives action. Here, you will develop skills to transform analytical insights into innovative strategies and competitive advantages.

**Highlights:** Data-driven decision-making strategies, applied data science in management, innovation management, competitive intelligence, and risk analysis.

Bachelor's Degree

# Information Systems

In the Information Systems Bachelor's Degree, you will learn to create and implement information systems essential for today's businesses. The program explores areas such as artificial intelligence, new programming languages, app development, web systems, and mobile computing. Additionally, you will acquire practical tools to support business processes and make a difference in the corporate world.

**Course Code:** 8259

**Entrance Exam Subjects (one of the following sets)\*:**

- 19 Mathematics A + 04 Economics
- 19 Mathematics A + 02 Biology and Geology
- 19 Mathematics A + 07 Physics and Chemistry
- 16 Mathematics + 18 Portuguese
- 16 Mathematics + 09 Geography
- 16 Mathematics + 13 English

\* Information for the 2025/26 National Call for Access to Higher Education

## Career Opportunities

- Systems analyst;
- Specialist in the development of artificial intelligence systems;
- Database administrator and programmer;
- Consultant in information systems and technologies;
- Specialist in the implementation of information systems;
- Information systems project manager;
- Software developer.

**Activity Sectors:** Telecommunications, big techs, technology startups, digital service platforms, health, biotech, financial institutions, banks, fintechs, logistics/distribution, media and entertainment, public administration.

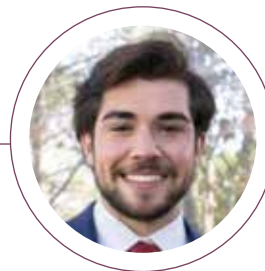




1st Bachelor's  
Degree in Europe  
accredited in Information  
Systems by



Computing  
Accreditation  
Commission



This Bachelor's Degree combines programming, software development, and IT project management. By blending theory with practice, it prepares versatile professionals ready to work in various market sectors. It's the perfect choice for those who want to merge technology and business. Additionally, the welcoming environment at the university helped me develop essential soft skills for my journey. I highly recommend it!"

**Dinis Melo**  
Junior Data Analyst – Adidas

## Study Plan

### 1<sup>st</sup> Year

Business Management  
Computation I  
Computation II  
Information Systems  
Linear Algebra  
Mathematical Analysis I  
Mathematical Analysis II  
Organizations Behavior  
Personal Development I  
Statistics and Probability Distributions  
Technologies and Web Apps  
Theory and Practice of Information Systems

### 2<sup>nd</sup> Year

Computation III  
Computer Networks and Cloud Computing  
Databases I  
Databases II  
Human-Computer Interaction  
Information Technologies Hardware and Software  
Information Systems Project Management  
Mobile Apps Development  
Statistical Inference  
Systems Analysis  
Web marketing and E-business

### 3<sup>rd</sup> Year

Artificial Intelligence  
Business Process Management  
Cybersecurity  
Geospatial Intelligence  
Project of Information Systems  
Personal Development II  
**Optional Curricular Units (students must choose 30 ECTS):**  
Applied Cybersecurity  
Computational Methods for Optimization  
Enterprise Information Systems  
Entrepreneurship and Project Analysis  
Geospatial Analytics  
Informatics and Information Law  
Information Systems Project II  
Information Systems Seminar  
Information Technologies, Governance and Service  
Machine Learning  
Nonparametric and Computational Statistics  
Remote Sensing  
Risk Management  
Web Analytics

Bachelor's Degree

# Data Science



In the Data Science bachelor's degree, students learn state-of-the-art artificial intelligence and machine learning techniques, essential for working with Big Data. Here, we prepare you to become a data scientist – one of the most sought-after professions of the 21st century. You will learn to interpret and apply innovative methods to solve real-world problems, equipping you for a dynamic career full of opportunities in the world of data.

**Course Code:** L188

**Entrance Exam Subjects (one of the following sets)\*:**

- 19 Mathematics A + 02 Biology and Geology
- 19 Mathematics A + 04 Economics
- 19 Mathematics A + 07 Physics and Chemistry
- 19 Mathematics A + 09 Geography
- 19 Mathematics A + 10 Descriptive Geometry
- 19 Mathematics A + 18 Portuguese

## Career Opportunities

- Data scientist;
- Big data analyst;
- Data engineer;
- Specialist in artificial intelligence systems;
- Specialist in machine learning;
- Specialist in the development of automatic learning algorithms.

**Activity Sectors:** Telecommunications, big techs, technology startups, digital service platforms, health, biotech, financial institutions, banks, fintechs, logistics/distribution, media and entertainment, public administration.

\* Information for the 2025/26 National Call for Access to Higher Education



[www.novaims.unl.pt/lcd](http://www.novaims.unl.pt/lcd)





The bachelor's degree in Data Science stands out for the diversity of fields it combines, allowing us to understand organizations' challenges. I was encouraged to apply what I learned through projects that reflected real-world scenarios and the impact of data on society. More than just acquiring knowledge, I developed the autonomy essential to keep learning in a constantly evolving field. Today, I feel prepared to tackle real challenges, from data processing to performing predictive analyses."

**Bruno Moreira**  
AI & Data Tech Analyst – Deloitte

## Study Plan

### 1<sup>st</sup> Year

Algorithms and Data Structures  
 Computer Architecture  
 Foundational Aspects of Data Science  
 Information Systems  
 Introduction to Artificial Intelligence  
 Introduction to Computational Thinking and DS  
 Introduction to Programming  
 Linear Algebra  
 Mathematical Analysis I  
 Mathematical Analysis II  
 Personal Development I  
 Statistics and Probability Distributions

### 2<sup>nd</sup> Year

Big Data Storage  
 Data Pre-processing and Visualization  
 Databases  
 Forecasting Methods  
 Machine Learning I  
 Machine Learning II  
 Optimization Algorithms  
 Programming for Data Science  
 Regression Analysis  
 Statistical Inference

### 3<sup>rd</sup> Year

Big Data Analysis  
 Capstone Project  
 Deep Learning  
 Ethical, Social and Legal Aspects of AI  
 Personal Development II  
 Text Mining

#### Optional Curricular Units (students must choose 30 ECTS):

Digital Innovation Projects  
 Entrepreneurship and Project Analysis  
 Geospatial Analytics  
 Informatics and Information Law  
 Information Systems Seminar  
 Network Analysis  
 Process Intelligence  
 Risk Management  
 Web Analytics  
 Web Marketing and E-Commerce

## Support and funding



[www.recuperarportugal.gov.pt](http://www.recuperarportugal.gov.pt)

Bachelor's Degree

# Information Management



The Bachelor's Degree in Information Management trains business managers and analysts capable of making data-driven strategic decisions. Students are prepared to support business decision-making using advanced data science analytical methods. The curriculum integrates management knowledge with a wide range of analytical and computational techniques and tools. These graduates play a crucial role in global and tech-driven organizations, standing out for their expertise in both management and data science.

**Course Code:** 9155

**Entrance Exam Subjects (one of the following sets)\*:**

- 19 Mathematics A + 04 Economics
- 19 Mathematics A + 02 Biology and Geology
- 19 Mathematics A + 07 Physics and Chemistry
- 16 Mathematics + 18 Portuguese
- 16 Mathematics + 13 English

\* Information for the 2025/26 National Call for Access to Higher Education

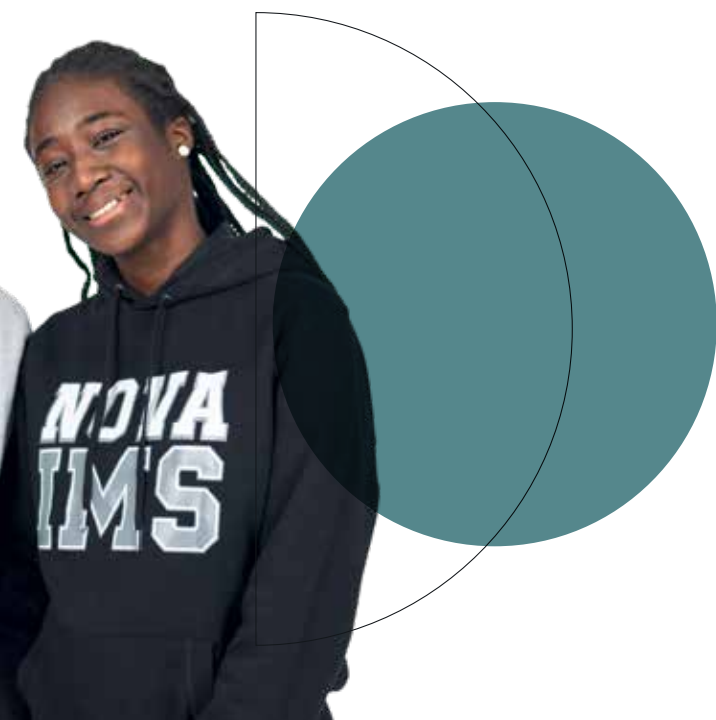
## Career Opportunities

- Information manager;
- Data analyst;
- Business analyst;
- Specialist in data science applied to management;
- Specialist in analytical marketing;
- Specialist in decision support systems;
- Business process analyst.

**Activity Sectors:** Telecommunications, big techs, technology startups, digital service platforms, health, biotech, financial institutions, banks, fintechs, logistics/distribution, media and entertainment, public administration.



[www.novaims.unl.pt/lgi](http://www.novaims.unl.pt/lgi)



This bachelor's degree is one of the most comprehensive in Higher Education, offering a unique combination of technology, management, and data. The best part of this program is knowing that wherever there is data, there are opportunities – allowing me to aim high in my professional career!

**Filipa Nunes**  
Business Process Analyst – Nokia

## Study Plan

### 1<sup>st</sup> Year

Business Management  
 Computation I  
 Economic Analysis  
 Foundational Aspects of Information  
 Information Systems  
 Linear Algebra  
 Marketing  
 Mathematical Analysis I  
 Mathematical Analysis II  
 Personal Development I  
 Programming for Business  
 Statistics and Probability Distributions

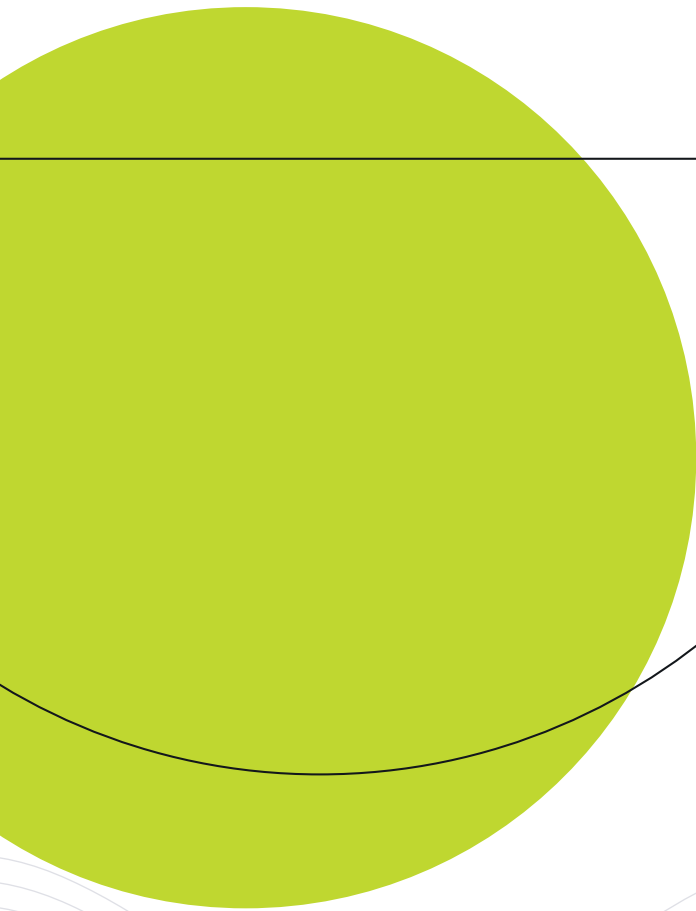
### 2<sup>nd</sup> Year

Business Intelligence  
 Computational Methods for Optimization  
 Data Pre-processing  
 Databases I  
 Econometrics I  
 Financial Analysis and Management Control  
 Geospatial Intelligence  
 Machine Learning  
 Nonparametric and Computational Statistics  
 Statistical Inference  
 Survey Methodology  
 Systems Analysis

### 3<sup>rd</sup> Year

Business Process Management  
 Business Strategy and Digital Transformation  
 Econometrics II  
 Enterprise Information Systems  
 Market Research  
 Personal Development II  
**Optional Curricular Units (students must choose 30 ECTS):**  
 Applied Economics  
 Business Law  
 Digital Innovation Projects  
 Entrepreneurship and Project Analysis  
 Financial Calculus  
 Forecasting Methods  
 Geospatial Analytics  
 Information and Informatics Law  
 Information Systems Seminar  
 People Management and Leadership  
 Project Management  
 Remote Sensing  
 Risk Management  
 Smart and Sustainable Cities  
 Web Analytics  
 Web Marketing and E-Commerce

# LIVE YOUR



# DREAM



Dreaming is the freedom to believe in infinite possibilities, even if you don't yet know how to get there.

“

Working in Formula 1 and applying information technologies to performance and systems, while gaining experience and traveling.”

Marta Soares

# MARTA'S DREAM



**NOVA**  
**IMS**  
Information  
Management  
School



My Erasmus in Salzburg was an unforgettable experience that allowed me to grow, discover new cultures, and travel to several countries. More than just an academic experience, I gained a new home miles away.”

**Inês Nunes**

Paris Lodron University of Salzburg – Austria



Budapest is an Erasmus destination for students from all over the world, ideal for experiencing different cultures and making international friendships. Additionally, its central location in Europe makes it easy to travel to several countries!”

**Diogo Andrade**

Budapest University of Technology and Economics – Hungary

## Discover the world while you study

We help you make your dream of studying abroad a reality. You can spend a semester at one of our 52 partner universities in 21 countries.

To encourage international mobility, in addition to Erasmus scholarships, we offer other financial support, enabling more students to live this transformative experience and prepare for a global future.



[www.novaims.unl.pt/programas-de-mobilidade](http://www.novaims.unl.pt/programas-de-mobilidade)



“

I aspire to use information management to drive innovative solutions in the healthcare field.”

Maria Carvalho

# MARIA'S DREAM



# A successful career, wherever you want

Regardless of sector or geography, we prepare you for a future without limits. Our practical and innovative training provides you with the necessary skills to stand out in the job market. Discover some of the leading organizations\* where our students turn their dreams into reality.

					TAP Air Portugal
			Nike	The Walt Disney Company	Tik Tok
			L'Oréal	CUF Hospitais e Clínicas	Banco de Portugal
	Nokia	European Comission	Mercedes-Benz .io	Accenture	
Ageas Group	Revolut	FIFA	Delta Cafés		
Nestlé	Jerónimo Martins	Apple	Super Bock Group	EDP	Caixa Geral de Depósitos
	Câmara Municipal de Lisboa	Pfizer	NOS SGPS	Pestana Hotel Group	Amazon
	Booking.com	Microsoft			

\*The organizations mentioned on this page were identified based on public information, particularly through the professional profiles of NOVA IMS students and alumni on social media. This list does not imply the existence of a formal partnership between the entities and NOVA IMS.

“

I aim to create a data-driven platform to optimize the performance of athletes.”

João Capitão



JOÃO'S  
DREAM

# Recognizing your effort

At NOVA IMS, we believe that every step counts and that merit should be valued. Your commitment and dedication are the keys to excellence, and we want to recognize your achievements through awards and other incentives.

## ACADEMIC EXCELLENCE AWARDS <sup>(1)</sup>

**€697**

For students who, at the end of the 1<sup>st</sup> year, have an average  $\geq 16,5$  and  $\geq 60$  ECTS passed <sup>(3)</sup>



**€697**

For students who, at the end of the 2<sup>nd</sup> year, have an average  $\geq 16,5$  and  $\geq 60$  ECTS passed <sup>(3)</sup>



**€1 000**

Awarded to the highest application average in each bachelor's degree in the National Call for Access to Higher Education (CNA) <sup>(2)</sup>



**€697**

For students with an application average  $\geq 18$  in the CNA <sup>(2)</sup>

*(Not cumulative with the award given to the highest application average in each bachelor's degree)*



## PERFORMANCE AWARDS AND EXCELLENCE SCHOLARSHIPS <sup>(4)</sup>

**Discount**  
**€3 000**

For students with an average  $\geq 16,5$  and  $\geq 180$  ECTS passed in the 3<sup>rd</sup> year

*(who proceed to a master's degree at NOVA IMS in the academic year following the completion of their bachelor's degree)*



**€697**

Young Talent Scholarship

*(for the best NOVA students from the CNA)*



**Development of a Geographic Information Systems project**



**esri Portugal**  
THE SCIENCE OF WHERE™

**€3 000**

Attributed to the best students from specific curricular units



**Scholarship worth five times the national minimum wage**  
to provide financial support to students



**€3 000**

Attributed to the best LGI and LSTI final-year students



<sup>(1)</sup> For students admitted in the 2025/26 academic year.

<sup>(2)</sup> Award granted to students admitted through the National Call for Access to Higher Education (CNA) and subject to enrollment and registration in the 1st year of one of the NOVA IMS bachelor's degrees.

<sup>(3)</sup> Amount to be deducted from tuition fees in the following academic year.

<sup>(4)</sup> Awards and scholarships in effect for the 2024-25 academic year.

The awards mentioned may be subject to changes by NOVA IMS or the responsible entities without prior notice.

For more details on criteria and regulations, visit: [www.novaims.unl.pt/premios-de-merito](http://www.novaims.unl.pt/premios-de-merito).



“

I want to transform lives through technology, solidarity, and leadership.”

Joanna Emmanuel

# JOANNA'S DREAM

# A **community** that inspires you to dream bigger

At NOVA IMS, every experience contributes to your growth. From events, clubs, and associations, where you expand your network and build connections, to mentorship opportunities and projects that boost your career. Here, you'll find the balance between personal and professional growth.



## NOVA IMS Students' Union

The Students' Union aims to ensure that your years at university are memorable. It organizes events such as the welcome reception for new students, academic festivals, and the NOVA IMS gala. Additionally, it promotes a variety of sports activities in different disciplines, including a futsal team. As a member, you'll enjoy a range of exclusive benefits. Meet the members of the Association, either in person or through their social media, and be part of this experience!



## Internships, Employability, and International Mobility Office

AD NOVA IMS is the bridge between NOVA IMS and the business world. Made up of 10 public and private institutions, it supports academic life with merit scholarships, internships, research projects, advanced courses, conferences, events, and activities related to Erasmus Mobility. It also promotes links with the job market, publicizes job offers, and monitors the career paths of graduates.

Associate institutions:





“

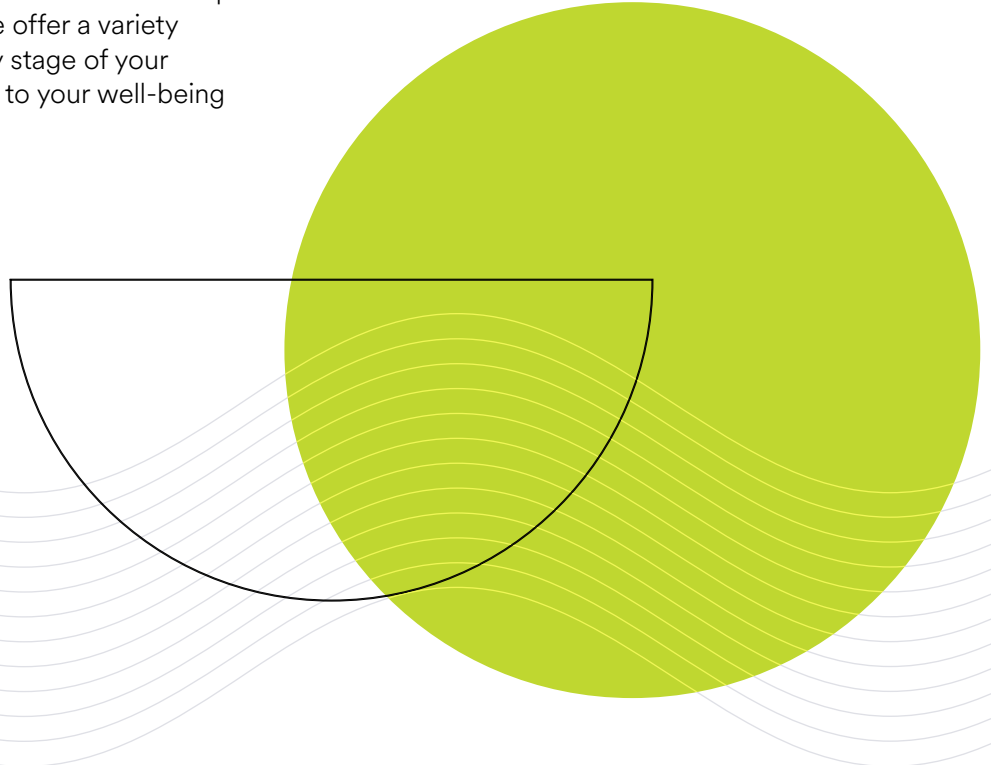
Developing innovative solutions that facilitate learning and promote access to education.”

Joel Kamara

# JOEL'S DREAM

# The right support at every stage

Here you'll find the support and resources that help turn your dreams into reality. We offer a variety of services to guide you at every stage of your journey, from academic support to your well-being and professional development.



## Student Support Office

This office is available to receive suggestions, ideas, information requests, and complaints, ensuring follow-up and resolution with the relevant services. It is also the ideal place to clarify doubts and obtain useful information for your academic journey.

## Value Creation Office

It focuses on four areas: Career Design & Mentoring, Entrepreneurship, Knowledge Transfer, and Executive Education. Its goal is to promote innovation and create opportunities for students and organizations with initiatives based on the experience and knowledge of NOVA IMS.

## IT Services

They provide essential technological support for students' academic journey, with daily technical assistance, specialized software, and access to digital infrastructures. All students are entitled to a Microsoft® Office 365 account and access to over 150 free software programs available for teaching and research purposes.

## Academic Services

They support students throughout their academic journey, from academic guidance to managing exams for degree attainment. Through the Virtual Secretariat, students can access documents and regulations, and request certificates without the need to visit the campus.

## Library and Documentation Services

Specializing in Information Management, they provide students with access to essential resources for their academic activities. They offer versatile study spaces and an up-to-date resource collection focusing on emerging scientific fields.

## Social Action Services

They support students with scholarships for financial hardship, accommodation for displaced students, access to cafeterias and bars, and medical, psychiatric, psychological, and nutritional consultations.

# BACHELOR'S DEGREES 2025/26

## Entry Requirement for the National Call for Access to Higher Education

### Application Grade Formula

Secondary School Grade: 50%

Entrance Exam Subject: 50%

### Establishment Code

0906 – Universidade Nova de Lisboa – Instituto  
Superior de Estatística e Gestão de Informação

### We're Here!

Campus de Campolide,

1070-312 Lisboa, Portugal

Tel: +351 213 828 610



# YOUR DREAM STARTS HERE



Sign up for the NOVA IMS experience

NOVA IMS Accreditations and Certifications



Co-Financed by



[www.novaims.unl.pt/licenciaturas](http://www.novaims.unl.pt/licenciaturas)