



OLLSCOIL NA  
GAILLIMHÉ  
UNIVERSITY  
OF GALWAY

Scoil Ghnó agus  
Eacnamaíochta J.E. Cairnes  
J.E. Cairnes School of  
Business and Economics

# MSc Information *Systems Management*



University  
of Galway.ie

# Empower *Your Future*

## Harness the Power of Information

In today's fast-evolving world, businesses need to stay ahead of technological advancements. The MSc in Information Systems Management (ISM) equips you with the essential tools to drive transformation in modern organisations.

## Industry-Driven Curriculum

Developed with significant input from industry experts, our programme ensures that graduates are not only prepared but highly sought after. Our excellent employment record is a testament to the programme's relevance and effectiveness.





## Master Key Technologies

From programming to cloud computing, you'll gain a comprehensive set of skills. Learn to design, implement, and manage information systems that meet the complex demands of today's digital landscape.

## Global Perspective

Graduates will leave with the ability to apply effective decision-making and critical analysis to solve global business challenges. The programme prepares you to lead in an international context, making you a valuable asset to any organisation.

## Ethics and Responsibility

In an era where technology touches every aspect of life, understanding the ethical and social implications of information systems is crucial. Our programme emphasises the importance of developing solutions that are not only effective but also socially responsible.

Top 2%  
of universities in the  
QS world rankings



# Your Pathway to Success: Key Facts

## Diverse Backgrounds Welcome:

We encourage applicants from various academic fields. Whether your background is in business, arts, science, engineering, or technology, your experience will enrich the diversity of our programme.

## Mode of Study:

Engage in a mix of lectures, hands-on projects, and group collaborations. We emphasise the application of technology to solve real-world business problems.

## Industry-Standard Tools:

Throughout the course, you'll work with platforms such as SQL, HTML5, Visual Studio, C#, and Python, ensuring you're equipped with the latest technical skills in demand.

## HPE Award:

A prestigious academic prize, the HPE Prize in Systems Analysis, is awarded to the graduate who achieves the highest grades across a number of modules.

## Career Opportunities:

Extensive career opportunities exist for graduates of the MSc in Information Systems Management (ISM) with companies in a variety of sectors, in Ireland and abroad. Employers of recent graduates include Fidelity Investments, Google, Accenture, Hewlett Packard, SAP, AIB, MetLife, Diageo, Lidl, Oracle, Boston Scientific, IBM and Microsoft.





# Master the Fundamentals

## Semester 1: Core Foundations

- **Interactive Systems Design:** User experience and interaction principles.
- **Systems Development & Project Management:** Manage projects from start to finish.
- **Database Systems:** Design and manage databases with industry tools.
- **Business Applications Programming:** Practical programming for business solutions.
- **Information Systems Management:** Leverage IS for strategic advantage.
- **Business Modelling & Analytics:** Model processes and make data-driven decisions.

## Semester 2: Advanced Expertise

- **Web Design & Development:** Build user-friendly web solutions.
- **Business Data Communications:** Master networking and data exchange.
- **Cloud Computing:** Harness cloud technologies for business.
- **Enterprise Systems:** Integrate enterprise-wide operations.
- **Security & Ethics or Advanced Programming:** Specialize in IS security or advanced analytics programming.
- **Applied Systems Analysis:** Design solutions for real-world problems.

## Capstone Project

**Major ISM Project:** By the end of June, collaborate on a significant project that synthesizes your learning and showcases your ability to tackle complex, real-world business challenges.



# “ What our graduates say ”



**JOE JOYCE** | SOLUTIONS ARCHITECT, SMART BEAR

*“I've been working as a Business Analyst with SQS since just after my summer exams, and the MSc in ISM has proved to be a great asset. Business Analysis requires a combination of good business acumen and technical knowledge. With that in mind, I feel this course is the perfect place to start for someone considering a career in this line of work.”*



**MICHELLE FITZGERALD** | S/4HANA PUBLIC CLOUD CONSULTANT, SAP

*“The MSc in Information Systems Management not only offers the technical skills required to work in a professional capacity, it also offers soft skills such as decision making, analysis and communication - that are highly sought after in industry. The major project encapsulates everything learned throughout the year and offers students a great opportunity to witness and solve a real-world business problem.”*



**VIVEKANAND JHA** | QUALITY IS SPECIALIST SUPPORT, HCI

*“The Information Systems Management programme at NUIG is well balanced and packed with knowledge. My academic experience was further enriched by exceptional faculty members who emphasize the need for empathy, thoroughness and innovative thinking. The knowledge that I acquired improved my communication and interpersonal skills, shed light on the importance of being thorough while introducing me to a variety of technological advancements and business practices.”*



**MONALISA MOHANTY** | TECHNICAL PROGRAM MANAGER, SECURITY, GUIDEWIRE SOFTWARE

*“ Students get a chance to get involve with Industry partners to solve their problems utilising the skills gained during various modules of the course as part of the Capstone project which is the best exposure one can expect from a course. I have got a lot of opportunities as part of extra-curricular activities to enhance my skills and expand my network like participating in Empathy Jam Galway, Leaders of Tomorrow by Accenture, etc.”*

# Student Testimonials

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# Admission

## Entry Requirements

Normally a H2.1 degree (NFQ Level 8 or equivalent). However, candidates with a H2.2 honours degree and who have a minimum of 2 years relevant work experience will also be considered.

IELTS score of 6.5 or equivalent, if applicable.

Similar to any modern work environment, we welcome diverse academic backgrounds to apply for the programme and believe your experience will enrich the diversity of what this programme offers.

## Duration

1 year - Full-time

## Course Fees

EU:  
€8,500 p.a. 2025/26

Non-EU:  
€21,000 p.a. 2025/26

Student Levy: €140



**1-2** year  
stay-back  
visa scheme

## Find out more:

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## Learn More:



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