Ollscoil na Gaillimhe
University of Galway

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

MSc Fintech

(Economics & Financial Technology)

THE Awards 2026 Shortlisted Business School of the Year

EQUIS ACCREDITED

AACSB ACCREDITED

ASSOCIATION OF MBAS ACCREDITED



Programme at a Glance

Award
Master of Science

Course code
FIN1

NFQ Level
Level 9

Duration
1 year full-time

Next Intake
September

Delivery Mode
On Campus

ECTS
90 ECTS

Tuition Fees
- €12,000
- €21,300
- Student Levy: €150

Who is this for?

The MSc Fintech is for graduates who want to lead at the intersection of economics, data science and digital finance in a high-growth industry where innovtaion, analytics, and global thinking drive success.



Ready to apply?

Transform Your *Future*

Course Overview

The MSc Fintech (Economics and Financial Technology) is a cutting-edge programme at the nexus of finance, economics, and technology, designed for graduates with backgrounds in business, economics, finance, computer science, or engineering with with knowledge of economics. Leveraging Galway's strong presence in finance and analytics, this Master's degree offers a **comprehensive education in Fintech.**

The programme addresses the **urgent demand for professionals skilled in both economic theory and technical expertise.** According to a recent FSI Report (September 2023), the Fintech sector is expected to see a 44% increase in employee numbers over the next three years, highlighting the acute shortage of technical talent in this booming industry.

The curriculum blends theoretical foundations with applied subjects, covering vital areas such as **the impact of financial technology on the economy, economic theory and econometrics**, and the intersection of finance, technology, and data science. Core modules in financial technology and analytics are complemented by a variety of optional modules, allowing students to tailor their studies to their specific interests within Fintech.



Modules Overview

Year 1

Semester 1

Core Modules (25 Credits)

EC506: Econometrics - 10 Credits
EC5147: Financial Technology and Economics - 5 Credits
EC5104: Applied Portfolio Management - 10 Credits

Optional Modules (10 Credits)

LW383: Information Technology Law - 5 Credits
MG571: Strategic Management - 5 Credits
AY5108: Intermediate Corporate Finance - 5 Credits
EC5109: Macroeconomic Theory and Policy - 10 Credits
EC501: Microeconomic Theory - 10 Credits

Semester 2

Core Modules (15 Credits)

EC5149: Contemporary Issues in Fintech - 5 Credits
RequiredEC5127: Financial Data Analytics - 10 Credits

Optional Modules (20 Credits)

MS801: Web Design & Development - 5 Credits
IAY5109: Advanced Corporate Finance - 5 Credits
EC5119: Derivatives and Risk Management - 10 Credits
EC5137: Green and Sustainable Finance - 10 Credits
EC5124: Economics and the Global Economy - 10 Credits
EC563: International Finance - 10 Credits
EC5121: Applied Econometrics - 10 Credits
EC5153: Applied Behavioural Economics and Finance - 10 Credits
OptionalMK5159: Customer Engagement and Analytics via Digital Platforms - 5 Credits

Year Long

(20 Credits required)

EC5150: Fintech (Economics and Financial Technology) Project - 20 Credits

List of modules is indicative and subject to change.

Click on individual modules for course module information

Why *choose* this programme?

Unique Course

Combines economics, finance and technology to meet the evolving needs of the digital financial sector. It provides graduates with a unique skillset while also making them versatile and suitable for the traditional finance sector, regulation, civil service and more.

Diverse Career Opportunities

Graduates can excel in Fintech startups, digital banks, payment facilitator companies, insure-tech firms, traditional financial sectors, regulatory bodies, and blockchain consultancies.

Innovative Curriculum

Combines finance, economics, and technology, providing a comprehensive education that blends theoretical foundations with practical applications.

Strong Industry Connections

Leverage Galway's robust presence in finance and analytics, offering you unique insights and networking opportunities in the Fintech sector.

High Demand for Skills

The Ireland for Finance strategy aims to create between 8,000 and 10,000 additional jobs in the sector over the coming years. Be prepared for roles such as Fintech Analyst, Cybersecurity Specialist, and Financial Data Scientist.

Customisable Learning

Core modules in financial technology and analytics are complemented by a variety of optional modules, allowing you to tailor your studies to your specific interests.



Leading *the future*

We are now a 'Triple Crown' School

We are part of an elite group comprising only the top 1% of business schools globally

Join **a globally recognised institution ranked among the best** for sustainability, and study on a campus committed to creating a greener future. Earn a MSc degree that not only equips you with cutting-edge skills but also aligns with your values of environmental stewardship.

Our business programmes are designed to foster innovation and leadership, preparing you to excel in today's competitive job market. The University offers a unique blend of academic excellence, practical experience, and a sustainable campus environment, making it the ideal choice for future business leaders.

Envision your career flourishing as you benefit from our world-class faculty and strong industry connections.

QS WORLD UNIVERSITY RANKINGS
2026
284th

QS WORLD UNIVERSITY RANKINGS
Europe 2026
98th

QS WORLD UNIVERSITY RANKINGS
Ireland 2026
4th

THE WORLD UNIVERSITY RANKINGS
The Sunday Times 2026
351-400

THE WORLD UNIVERSITY RANKINGS
The Impact Ranking 2025
- **1st in Ireland**
- **64th in the World**

THE WORLD UNIVERSITY RANKINGS
For Business and Economics 2026
301-400

Top 2%
of universities in the QS World rankings

Since 2024
University of Galway advanced to
SDG Ambassador

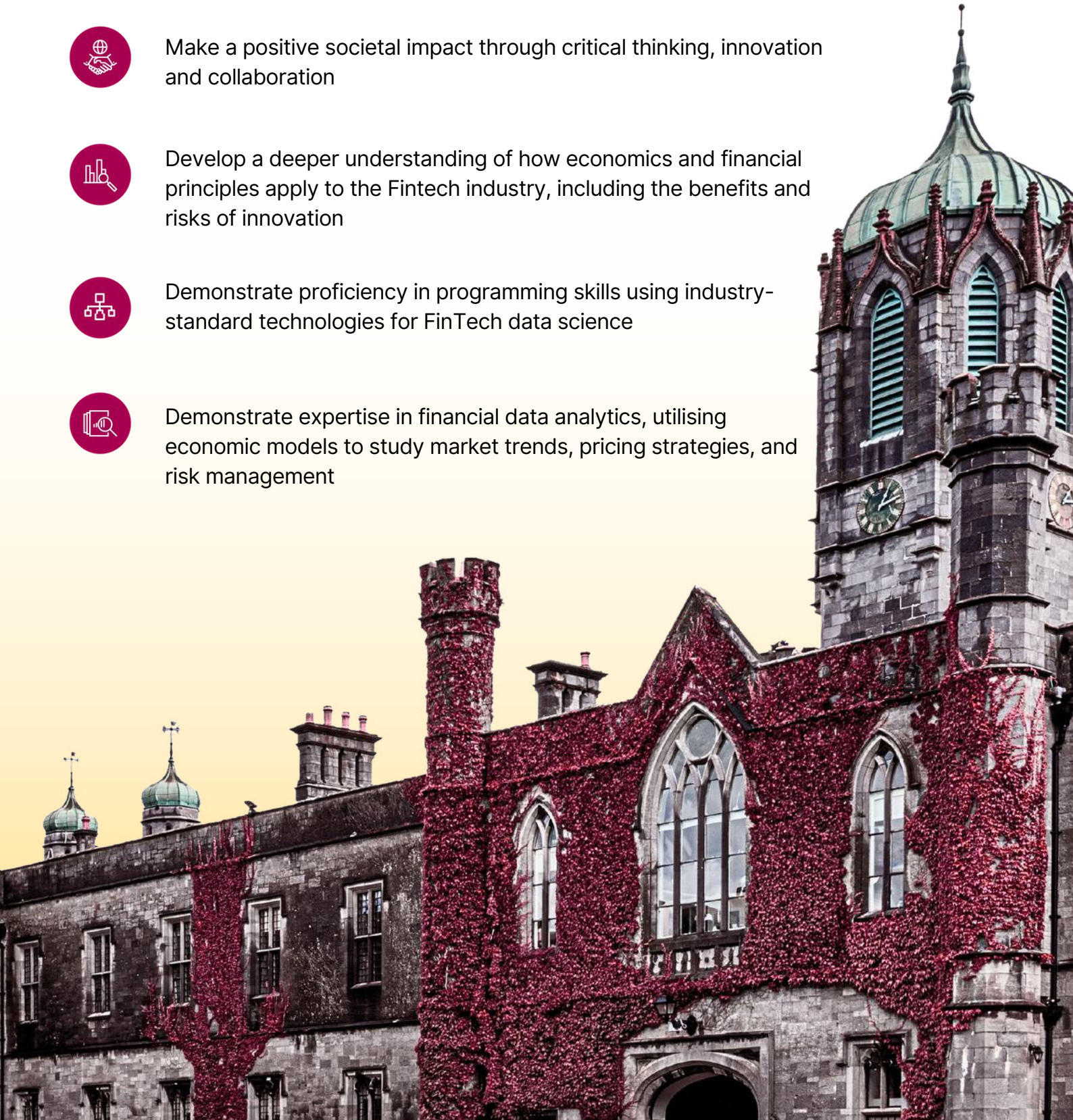
Programme Overview

Exploring the MSc Fintech Economics and Financial Technology

Programme Learning *Outcomes*

Graduates of the MSc in Marketing Management will be equipped to:

- Identify, analyse and solve business, public policy and societal problems within a global context
- Make a positive societal impact through critical thinking, innovation and collaboration
- Develop a deeper understanding of how economics and financial principles apply to the Fintech industry, including the benefits and risks of innovation
- Demonstrate proficiency in programming skills using industry-standard technologies for FinTech data science
- Demonstrate expertise in financial data analytics, utilising economic models to study market trends, pricing strategies, and risk management



Hear from.....



“Before starting this programme, I knew finance well, but I wanted to understand how technology is reshaping it. This course has helped me connect my background in financial analysis with the future of the industry in a much more practical way. The programme gives you confidence, perspective, and a clearer sense of where you want to go next.”

Shambhavi Chauhan

MSc Fintech| Business Merit Scholar 2025/26



“This programme gave me confidence, genuine friends, incredible tutors, and connections I never expected. The group assignments were my favorite, engaging, communicative, and real. There were moments I genuinely felt like an investment manager.”

Kashish Tahiliani

MSc Fintech| Business Merit Scholar 2025/26



“ I'm teaching behavioral finance and economics and I'm really excited about teaching this course. We're going to be looking at the interaction between human psychology and economic decision making and how some of these fintech apps can improve services for customers but also we're going to be looking at the potential harms...”

Dr. Féidhlim McGowan

Programme Director, MSc Fintech

Admissions & how to apply

Entry Requirements

- A H2.1 degree (NFQ Level 8 or equivalent) with intermediate-level Economics. However, those with a high H2.2 honours degree and a 2.1 average in relevant Economics modules in a business degree will also be considered.
- Applicants with a single year of Economics and a 2.1 degree may need to complete an online preparatory course before registration. Additionally, candidates with a 2:1 or equivalent in Engineering, Computer Science, Mathematics, or Technology are welcome, provided they demonstrate their suitability through their personal statement, citing relevant experience. Those without an Economics background must take an online preparatory course before starting the programme.

English Language Requirements

- IELTS 6.S overall, with no less than 6.S in Writing and no less than 6.0 in any other band or equivalent, where applicable.



How to apply?

Apply online at: https://nuigalway.elluciancrmrecruit.com/Apply/Account/Login



Scholarships

Merit based Business Merit Scholarships available. Learn More



Work in Ireland

Non-EU students are eligible for the 24-month StayBack Visa here. A great opportunity to accrue international experience.

Questions?

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Programme Administrator:
economics@universityofgalway.ie

find out more

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Where will it take *you*?

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