



OLLSCOIL NA
GAILLIMHÉ
UNIVERSITY
OF GALWAY

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

MSc Fintech

Economics and Financial Technology



Awards
2025

Shortlisted

Business School of the Year

University
of Galway.ie



Transform Your Future with

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 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.

Top 2%



Modules Overview

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 course?

- **Diverse Career Opportunities:** Graduates can excel in Fintech startups, digital banks, payment facilitator companies, insurtech firms, traditional financial sectors, regulatory bodies, and blockchain consultancies.
- **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.
- **Innovative Curriculum:** Combines finance, economics, and technology, providing a comprehensive education that blends theoretical foundations with practical applications.
- **High Demand for Skills:** Enter a rapidly growing field with a 44% increase in job opportunities projected over the next three years. Be prepared for roles such as Fintech Analyst, Cybersecurity Specialist, and Financial Data Scientist.



- **Strong Industry Connections:**

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

- **Prestigious Accreditation:**

Benefit from studying at a globally accredited institution, with AACSB accreditation signifying excellence in business education.

- **Global Recognition:** University of Galway is ranked among the top universities worldwide, ensuring your degree is recognized and respected globally.

- **Immediate Impact:** Acquire the skillset needed to make an immediate and substantial contribution to the Fintech industry, positioning yourself as a leader in financial innovation.



Top 2%
of universities in the
QS world rankings

A red graphic consisting of several overlapping starburst or asterisk-like shapes, each formed by a grid of small dots, positioned to the right of the "Top 2%" text.

Leading *the future*

Join a globally recognised institution ranked among the best for sustainability, and study on a campus committed to creating a greener future. Imagine earning 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 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.



Top 2%



University of Galway Sustainability Rankings and Accolades

University of Galway has been named the **#1 university in Ireland** for sustainable development for a third year in a row, we are ranked **3rd in Europe and ranked 64th in the world** by *Times Higher Education THE Impact Rankings 2025*. The accolade has been awarded in recognition of the University's progress in responding to the United Nations' Sustainable Development Goals (SDGs).

We are the first University to make the list as a Sustainable Development Goal Ambassador for 2024-25, chosen from across society as leaders in driving forward Ireland's progress towards the UN Sustainable Development Goals.



University of Galway has been ranked **1st in Ireland** for Sustainable Development for a third year in a row by the Times Higher Education The Impact Rankings 2025



University of Galway has been ranked **3rd in Europe and 64th in the world** for Sustainable development by the Times Higher Education The Impact Rankings 2025



University of Galway is ranked **64th in the world** in the 6th edition of the Times Higher Education (THE) World IMPACT Rankings 2025



University of Galway is ranked **38th in the world for SDG 3** in the 2025 Times Higher Education Societal Impact Rankings

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



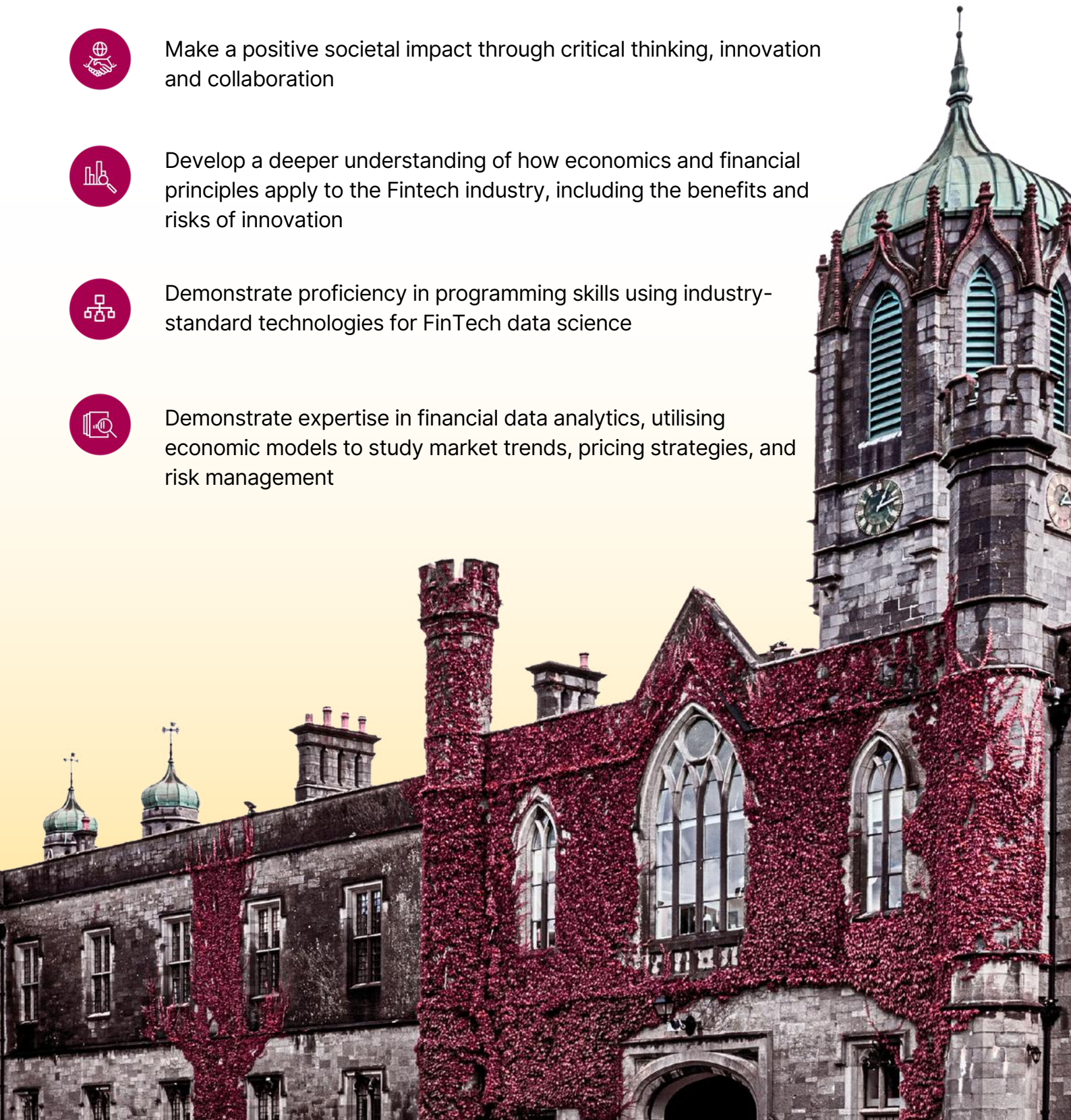
Develop a deeper understanding of how economics and financial principles apply to the Fintech industry, including the benefits and risks of innovation



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



Admission

Entry Requirements

To qualify for the MSc Fintech (Economics and Financial Technology) at the University of Galway, candidates typically need 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.

Duration

1 year
Full-time

Course Fees for Academic Year 2026/27

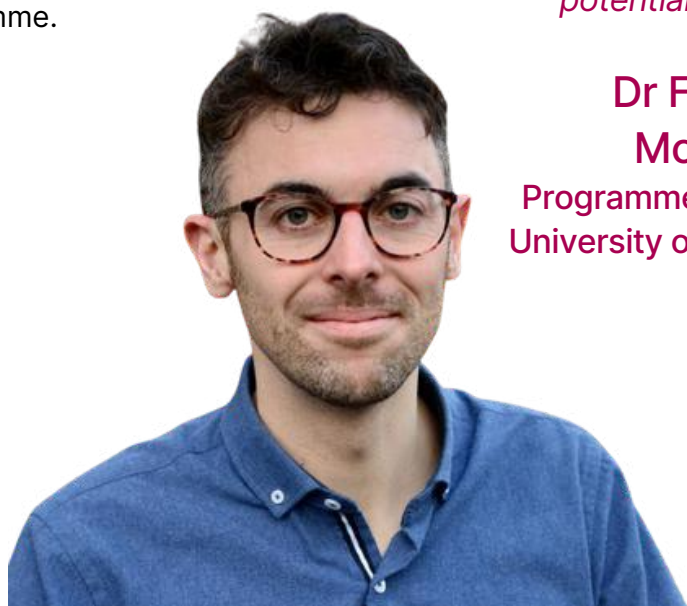
EU: €11,700
Non-EU: €21,500
Student Levy: €140



**2 Year
stay-back
visa scheme**

"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
University of Galway



Find out More

Programme Director:
Dr Féidhlim McGowan
feidhlim.mcgowan@universityofgalway.ie

Programme Administrator:
economics@universityofgalway.ie



Learn More:

