



MSc in Fintech Innovation

ONLINE • PART-TIME • NFQ LEVEL 9



Unleash your unstoppable potential, with Technology Ireland ICT Skillnet

Technology is ever-changing. No matter what stage you are at in business or your career, there is always more to learn.

At Technology Ireland ICT Skillnet, our vision is to create **progressive futures**, helping organisations to **transform at scale** and individuals to **develop a competitive edge**, through the **power of learning**.

For almost two decades, Ireland's leading technology companies have trusted us to build the critical skills needed to thrive in a rapidly evolving market.

Let us connect you to the infinite possibilities shaping the world of tomorrow.



Supercharged skills

Each of our programmes are designed, developed, and validated by specialists from academia and industry, working together, with a constant focus on:

1 **Creating opportunity and momentum** for experienced professionals and those starting out or transitioning career.

2 Delivering learning solutions in a way that **balances work and study**.

3 Providing practical skills, along with the theoretical, allowing businesses to **navigate new frontiers in the world of tech**.



5,000+

companies supported



12,000+

learners upskilled



30+

professional programmes



Online, blended, and
in-company training supports



Government-subsidised
programme fees, up to 100%

MSc in Fintech Innovation

Push the boundaries of financial innovation

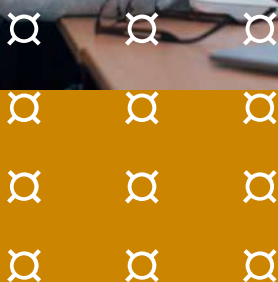
Digital technologies and developments are affecting massive transformation within business and operational models. Embracing new and innovative tools and practices, such as Knowing Your Customer (KYC), data analytics, design thinking, sprints, development operations and UX, are central to these new models.



This has created a growing demand for talent in the financial services industries with the ability to transcend knowledge domains in finance, innovation and technology. This flexibility is required to support inter- and multidisciplinary innovation teams to work with agility.

Our innovative part-time and online Level 9 MSc in Fintech Innovation, delivered in collaboration with Munster Technological University, will equip you with critical insights into fintech across the key pillars of finance, technology and innovation. It meets the needs of, and contributes significantly to, future-proofing operations across all domains within the financial services sector.

Level up your skills and push the boundaries of innovative thinking and opportunity recognition within fintech.





At a glance

Start Date

September 2024

Award

Level 9 NFQ (90 ECTS)

Delivery

Online

Duration

2 years part-time. Online classes take place two nights per week per semester from 6pm to 9pm.

Fees

Skillnet subsidised: €2,950 per year

Non-subsidised: €3,875 per year

Programme Partner

Munster Technological University (MTU)



Programme schedule

This programme is delivered online and part-time across 2-years, over four semesters, from September to June Year 1 and from September 2025 to May Year 2. The capstone project is completed in the student's own time at the end of Year 2.

Online classes take place two nights per week per semester from 6pm to 9pm. Delivery will be via a blend of tutor-led classes, live Q&A sessions and pre-recorded lectures. Optional in person industry workshops/events, dates will be provided upon course commencement.

The programme will be delivered by a dedicated team of specialist lecturers in the Munster Technological University (MTU), complimented by a series of expert guest speakers from industry and academia. This collaborative venture of academia and industry experts will ensure participants are exposed to cutting-edge thinking and research in FinTech Innovation.



Why join this programme?

This programme has been uniquely designed to cater for professionals demanding critical insights into fintech, seeking to address industry challenges, and looking to capitalise on new opportunities



Digitalisation Expertise

We provide a focused curriculum for professionals in the financial sector seeking to enhance their digitalisation expertise and expertly navigate their industry digital landscape.



Entrepreneurial Mindset

This programme is uniquely structured to help you cultivate an innovative and entrepreneurial mindset, that empowers you to approach challenges with creativity and a forward-thinking perspective.



Career Shift or Specialisation

Whether you are looking at a larger career shift or unique specialisation, our comprehensive curriculum facilitates a seamless transition, allowing you to thrive in this dynamic industry.

Semester and module breakdown

The programme will have 11 modules over Semesters 1-5, as well as an elective module within Semester 3. Each of the modules are assessed through continuous assessment.

Semester 1 Modules

Digital Transformation – 10 ECTS credits

Service Design for Financial Strategy – 5 ECTS credits

Semester 2 Modules

Financial Information Analysis – 5 ECTS credits

DevOps for Process Management – 5 ECTS credits

Organisational Culture and Leadership – 5 ECTS credits

Semester 3 Modules

Data Analytics in Fintech – 10 ECTS credits

Leveraging Cloud Technologies – 5 ECTS credits

Semester 4 Modules

Financial Services Regulation – 5 ECTS credits

Innovating through the Entrepreneurial Mindset (iEMS) – 5 ECTS credits

Electives for Semester 4 – Select one from:

Management Law – 5 ECTS credits

Cybersecurity – 5 ECTS credits



As a fintech and technology entrepreneur, I chose the MSc in Fintech Innovation to deepen my knowledge and understanding of the challenges facing digital transformations in an open banking era. I was impressed by both the linear design of the programme, and the quality of the academic content and research material. I would recommend this programme to anyone keen to pursue a career in fintech or if you are already working in the financial services sector.

Michael Mulhall
Founder & CEO, FinTech Innovations

Semester 5 Modules

Research Methods and Consultancy Project – 30 ECTS credits

The capstone project will require the participant to apply their learning from the other modules in a real-time context, designing an innovative fintech solution for an organisation of choice by the participant. Participants will be provided with a masterclass on research methods covering all stages of research from formulating the research question to the methodology to writing the final project.

Outcomes for you



This unique programme will formally certify your status as a highly skilled professional within the fintech and the financial services sector, with an internationally recognised qualification.

Award



Participants will receive a parchment for the Master of Science in Fintech Innovation upon successfully completing the programme.

Upon successful completion of this programme, you will:

Be equipped with critical insights across innovative design thinking and research.

Develop your agility and adaptability, to collaborate effectively within multidisciplinary teams.

Be proficient in key innovative tools, including data analysis, machine learning, and cloud technologies.

Understand the theory and practice underpinning digital transformation.

Be able to evaluate and design an appropriate financial strategy for an organisation.

Be able to appropriately analyse and interpret financial information and options.

Understand the role of experiential learning and the use of emotional intelligence in achieving sustainable outcomes.

Critically assess the operation of financial regulatory environments, both in Ireland and internationally.

Learn how to develop cultural norms and architecture to achieve shared goals throughout the IT value stream.

Develop practical skills and abilities to lead and manage strategic change.

Academic eligibility



The minimum entry requirement for course participants will be a 2nd Class Honours Grade 2, in a computer science NFQ level 8 degree, a financial services NFQ level 8 degree, or a NFQ level 8 degree in a cognate discipline.

Candidates who do not meet this requirement but who possess relevant skills and learning may be considered under the University's Recognition of Prior Learning procedure. Please advise upon application if you wish to apply via RPL.

All applicants whose first language is not English must provide evidence of English language proficiency. IELTS Academic 6.0 (No less than a 5.5 in any one band). English language tests must be undertaken no more than two years prior to the start of a programme.

Garda National Immigration Bureau (GNIB) status must be provided if a non-EU citizen.

Funding eligibility

The fees for this programme are part-funded by Technology Ireland ICT Skillnet. The reduced programme fees are €2,950 (per year).

Applicants must be working in a private or commercial semi-state organisation registered in the Republic of Ireland (Business, Consultant, Freelancer) to avail of the grant-aided fees. As a government-funded training network, we can only support those meeting these criteria.

Applicants who do not meet our funding criteria may be able to apply directly to the college and pay the full course fee of €3,875 (per year) if there are available places.

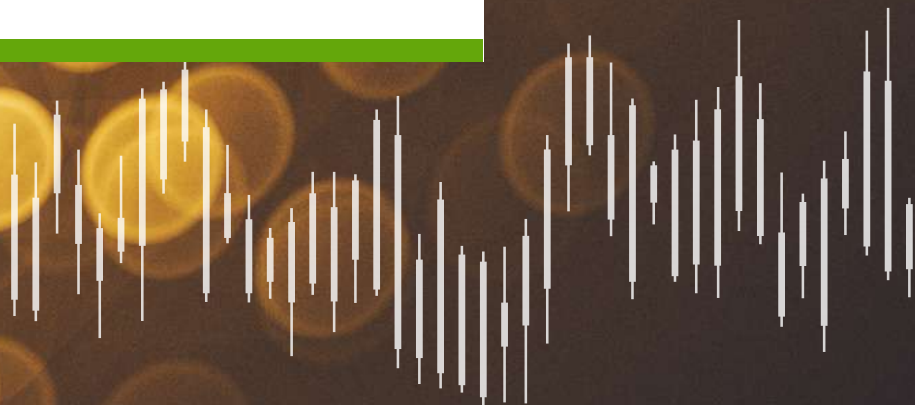
Please speak with our programme team to learn more about the availability of funding.

info@ictskillnet.ie



It's exciting to be involved in this MSc in Fintech Innovation. Graduates of the programme bring new skills and capability to this dynamic industry. The course is an excellent example of collaboration between MTU, Skillnet Ireland and IDA Ireland responding to the needs of business.

Siobhán Hanley
Head of Fintech & Payments, IDA Ireland



Programme delivered in partnership with:



Munster Technological University is a multi-campus technological university, contributing to the region through the provision of academic programmes that support student development and opportunities, education and research.

MTU has an extensive and impressive regional footprint with six campuses across the South-West region in Cork and Kerry, and a student body of 18,000.



Ready to develop your career in Fintech?

Our team is ready to answer any questions you might have regarding this programme. Send an email to info@ictskillnet.ie or use the enquiry form on our programme page and one of our programme leads will be delighted to assist you.

Successful applicants will be required to complete registration details both for Technology Ireland ICT Skillnet and for Munster Technological University (MTU). Programme participants will become registered students of MTU.

Start your learning journey today
with Technology Ireland ICT Skillnet

Learn More

Embrace the future with confidence,
with Technology Ireland ICT Skillnet
as your training partner.



Programme pillars

Our wide range of programme channels allows you to access training in the latest technologies driving business development.



Industry approved

With the support of our Industry Steering Group, made up of some of Ireland's most progressive companies, you can be assured that our programmes will provide you with the most relevant and cutting-edge skills that industry demands.



Certification you can trust

Through our strategic partnerships with some of Ireland's most influential higher education institutions, we offer a range of certificate, diploma, and masters programmes, with awards accredited on the National Framework of Qualifications.



Join 12,000+ learners who have transformed their careers with us. **Explore our range of courses >**

www.ictskillnet.ie



UNLEASH YOUR
UNSTOPPABLE POTENTIAL



Get in touch to invest in your development.
Email: info@ictskillnet.ie **Call:** +353 (0)1 469 3754

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Technology Ireland ICT Skillnet is co-funded by Skillnet Ireland and network companies. Skillnet Ireland is funded from the National Training Fund and the European Union through the Department of Further and Higher Education, Research, Innovation and Science.



Rialtas na hÉireann
Government of Ireland



Co-funded by
the European Union