

Technology  
Ireland  
ICT

Skillnet



# MSc in Leadership, Innovation and Technology

BLENDED • PART-TIME • NFQ LEVEL 9

[www.ictskillnet.ie](http://www.ictskillnet.ie)

OLLSCOIL TEICNEOLAÍOCHTA  
BHÁILE ÁTHA CLIATH  
**T**  
**DUBLIN**  
TECHNOLOGICAL  
UNIVERSITY DUBLIN

# 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

---



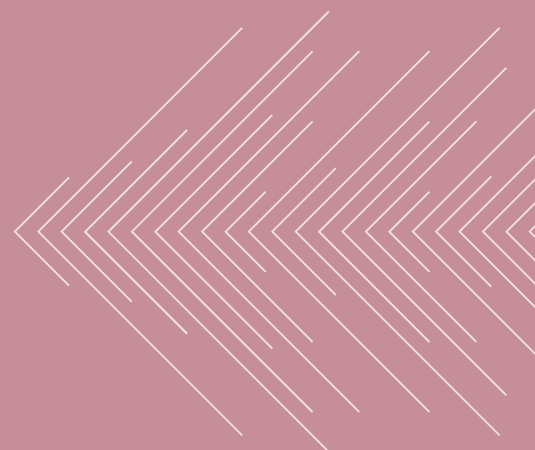
Government-subsidised  
programme fees, up to 100%

---

# MSc in Leadership, Innovation and Technology

## Push the boundaries of innovation within ICT

Leaders of technology and innovation functions require a unique combination of technical, leadership, and business abilities in order to effectively design, develop, manufacture and distribute products and processes.



**In today's climate of rapid technological change these abilities are more critical than ever before. This MSc in Leadership, Innovation and Technology offers an integrated view of leadership, innovation and technology strategy and is grounded in the integration of personal, professional and organisational development.**

It addresses key themes in leadership, organisational behaviour, strategy, innovation, personal awareness, change management, emotional intelligence, entrepreneurship, creativity and critical thinking. Students will gain an integrated and critical knowledge of business and will gain formative expertise in the roles of managing processes, conducting analysis and engaging in decision-making.

This Level 9 Masters Degree has been developed by the College of Business at Technological University Dublin in partnership with Technology Ireland ICT Skillnet.



# At a glance

## Start Date

September 2024

## Award

Level 9 NFQ (90 ECTS)

## Delivery

Blended: Online and on-campus attendance required

## Duration

2 years part-time. Classes are typically delivered on a Friday from 9am-5pm.

## Fees

Skillnet subsidised: €3,150 per year

Non-subsidised: €5,000 per year

## Programme Partner

Technological University Dublin  
(Aungier Street Campus)



## Programme structure

The programme is highly practical and concentrates on the personal and professional development of learners by honing their analytical, conceptual and critical thinking skills; developing personal, consultancy and research competencies; and building a detailed understanding of the tools, methodologies and frameworks to support advanced management capability.

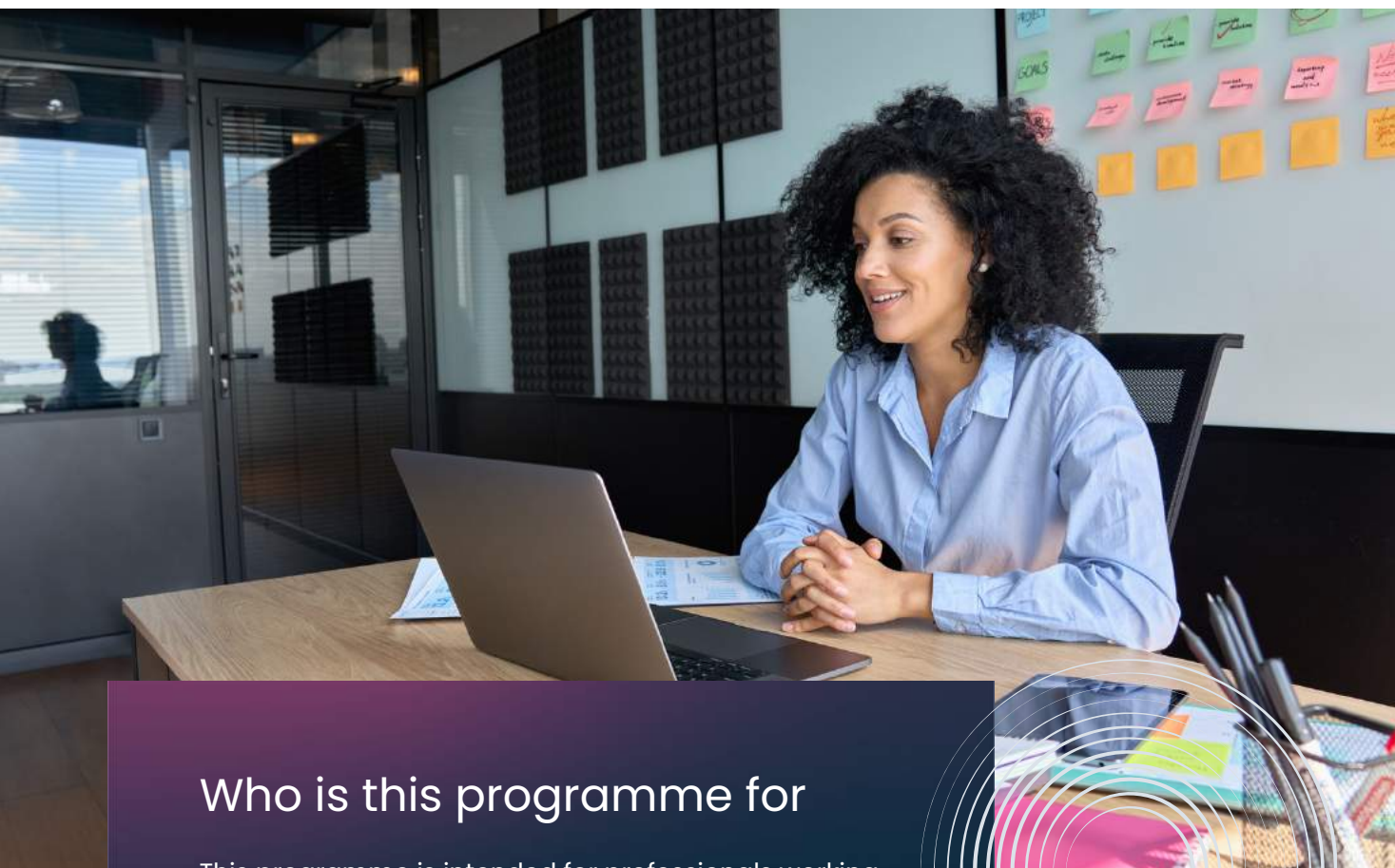
This programme is delivered via a blended learning approach over two years. Lectures are a mixture of online classes and in-person classes, which take place at the Technology University Dublin Aungier Street campus. In-person classes are not recorded or live streamed and must be attended for peer-to-peer learning. Classes are typically delivered on a Friday from 9am-5pm. A full breakdown of the lecture schedule will be provided following an application.

### Two key phases underpin the programme:

The first phase includes a suite of six modules that address key development areas for leaders and entrepreneurial professionals in the ICT sector.

The second phase involves working on an applied research project.





## Who is this programme for

This programme is intended for professionals working in technology roles or technology industries that are seeking to develop as technology and innovation leaders in their organisation. The candidates applying should be experienced and either in leadership roles or planning on moving into such positions.

### Why join this programme?

- ▶ Understand how technology and innovation open the way to new business opportunities.
- ▶ Gain an understanding of the essential business and management skills for technology and innovation management.
- ▶ Prepare yourself for career growth within a range of industries, from manufacturing to services, and for new venture creation, whether you are operating within SMEs or MNCs.
- ▶ Opportunity to become a subject matter expert in your organisation based on completion of a significant and rigorous applied research project.

# Semester and module breakdown

## Year 1: Modules 1-6

The six modules delivered in the first phase allows you to immerse yourself in current management thinking. The work-based assignments will further allow you to test potential ideas for the Applied Research Project to be completed in the second phase of the programme.

### Module 1: Innovation Management and Creativity

This module focuses on the strategic and managerial aspects of innovation spanning strategic integration and organisational alignment through to commercial execution. Theoretical models and practical tools will provide participants with an integrated view of innovation in different operating contexts.

### Module 2: Problem Solving and Critical Thinking

This module will introduce you to the basic concepts and skills of evidence-based management practice. The module is directly relevant to professionals who desire to improve the quality and outcome of their decision-making using best available evidence.

### Module 3: Personality and Leadership

This module develops insights and proficiency in effective personal and professional development. The module is framed by using the psychometric tool NEO-PI-3, to identify individual leadership profiles, then seeks to develop competencies through one to one mentoring supplemented with a reflective practice assessment.

#### **Module 4: Strategy Tools for Competitive Positioning**

This module explores the concepts, theories and techniques on which strategic management is based and explores their application in a wide range of business settings. The design, implementation and maintenance of strategic planning systems and strategic thinking are central issues of concern throughout the module.

#### **Module 5: Strategic Management of Technology and Innovation**

You will learn about the management of technology and the decisions and processes that help to generate, develop and deliver it in the context of company strategy and growth objectives. The module focuses on linking different disciplines to plan, develop, test and implement tech capabilities to deliver upon strategic objectives.

#### **Module 6: Team Leadership and Change Management**

The aim of this module is to facilitate building, integrating and understanding of human and organisational factors and increase the ways you see, analyse, understand and take action in an organisation, with a particular focus on team-work and change management.





## Year 2: Applied Research Project

The research project will have a structured design with both workshop/ webinar-based training and sequenced outputs that build towards the delivery of a high-quality research project with the potential to deliver real impact.

The research involved will typically focus on research 'in' the organisation rather than 'on' the organisation. By conducting research in the context of your organisation and specialist area, you build your personal expertise while contributing to important management issues in the organisation.

The staged delivery is outlined below.

Stage	Deliverable	
1	Problem Formulation and Scoping	Proposal outlining problem statement, project scope and applied project objectives
2	Literature Based Paper	Comprehensive and publishable literature review
3	Research Design	Research design and methodology paper
4	Project Impact Plan	Impact plan outlining strategy for achieving organisation impact from research
5	Project Thesis	Project thesis and viva
<p><b>Each programme participant will be assigned a mentor to advise them through all stages of the research process.</b></p>		

## Assessment

The assessment for each of the six modules in Phase 1 will be exclusively linked to work-based project assignments and reflective learning submissions. **There will be no examinations.**

The final award of the Master's Degree will be linked to the assessment of the research project undertaken by the participant with the support of the College.



# Outcomes for you

Upon completion of this course, you will have gained necessary skills and experience in:

## Leadership Development

Develop advanced leadership skills necessary to lead teams and organisations effectively.

## Innovation Management

Gain proficiency in managing innovation processes within technology-driven environments, including idea generation, development, and implementation.

## Strategic Thinking

Acquire strategic thinking capabilities to analyse complex technological landscapes, anticipate trends, and formulate effective strategies for sustainable growth and competitive advantage.

## Change Management

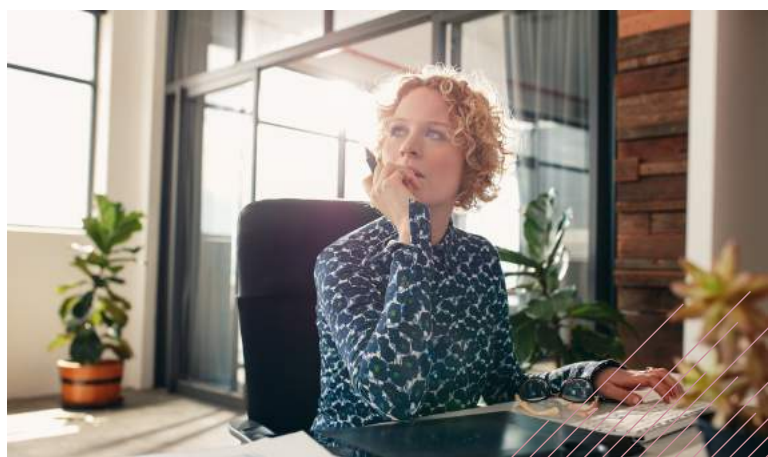
Develop expertise in managing organisational change processes, including technology adoption, digital transformation, and organisational restructuring.

## Project Management

Master project-management methodologies and tools tailored to technology projects, ensuring successful execution, resource optimisation, and timely delivery.

## Ethical Leadership

Understand the ethical implications of technological advancements and develop ethical leadership skills to navigate complex ethical dilemmas.



## Collaborative Skills

Enhance collaboration and teamwork skills essential for leading diverse teams and fostering cross-functional collaboration.

## Communication Skills

Refine communication skills to effectively communicate vision, strategy, and ideas to stakeholders, including executives, team members, and clients.

## Global Perspective

Develop a global perspective on technology leadership, understanding the impact of globalisation, cultural, and international markets.

## Continuous Learning

Cultivate a commitment to lifelong learning and professional development, staying abreast of emerging technologies, industry trends, and best practices in technology leadership.

## Award



Participants will receive a parchment for the Master in Leadership, Innovation, and Technology upon successful completion of the programme.

## Academic eligibility



Participants must have a Level 8 Honours Degree in a cognate discipline with a minimum of a 2:2.

For candidates who do not meet this minimum entry requirement, the college operates a Recognition of Prior Learning (RPL) scheme whereby applicants may be considered based on relevant work or other experiences.

For applicants whose first language is not English, please note the English language entry requirements.

## Funding eligibility

The fees for this programme are part-funded by Technology Ireland ICT Skillnet. The reduced programme fees are €3,150 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 in some cases be able to apply and pay the full fee of €5,000 per year if there are available places.


*There's a limited number of funded positions available. Priority is given on a first-come, first-served basis to those who complete their payment first. Once these places are filled, individuals who received an invoice but have not yet completed their payment will be passed to TU Dublin directly and pay the full fee.*

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

[info@ictskillnet.ie](mailto:info@ictskillnet.ie)



# What our course participants have to say





I am **already seeing a difference** in my day to day work based on the learnings from just the first two modules. Being able to apply thought leadership and methodologies at this early stage is **hugely rewarding**.



As a course overall, it is **helping me to focus more on how I can drive my career in innovation** and position myself to grow in this area.

You learn the **theory but also the skills** of organising, analysis, interpretation, and communication.



Peer discussion has been **hugely beneficial and rewarding** and the quality of the lecturers is very high.



Programme delivered in partnership with:



Deeply embedded in their region, TU Dublin has five locations across Dublin, including major campuses in Grangegorman, Blanchardstown and Tallaght, and locations on Aungier Street and Bolton Street.

While TU Dublin is already a leader in STEM disciplines, the University also supports the largest cohort of students of business, media, culinary arts, and the creative and performing arts.

They are passionate about life-long learning, and as the largest provider of part-time education, they make an important contribution to the economic life of Ireland, enabling capacity building for the future.



## Ready to develop your career in innovative leadership?

Our team is ready to answer any questions you might have regarding this programme. Send an email to [info@ictskillnet.ie](mailto: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 TU Dublin (Aungier Campus). Programme participants will become registered students of TU Dublin.

**Start your learning journey today** with Technology Ireland ICT Skillnet by clicking on the Learn More button.

**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](http://www.ictskillnet.ie)



UNLEASH YOUR  
UNSTOPPABLE POTENTIAL



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

[www.ictskillnet.ie](http://www.ictskillnet.ie)

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