



Professional Diploma in Digitalisation of Business and Industry Processes

Programme Overview

Digitalisation of Business and Industrial processes is a major driver for the Irish economy in a bid to yield a fully circular, net-carbon neutral and digital economy by 2050.

Industry led in conjunction with an Industry Expert Working Group, the Professional Diploma in Digitalisation of Business and Industry aims to meet the demand for process digitalisation and data analytics in Business and Industry.

1 year part-time
(Online/Blended)

Why do this programme

This professional diploma will help organisations to implement a digital transformation strategy for their organisations.

Participants will receive comprehensive tools and a framework for implementing digital transformation within their organisation through this professional diploma.

It will help key staff grasp the impact of digital technologies, understand the organizational changes required, and identify the necessary capability building for full digital transformation.

Programme Content

The programme will be delivered primarily via on-line lectures, practical workshops, supported with tutorials and assignments and if necessary some on-campus workshops. Formative assessment will be based on assignments and project work with a focus on acquiring knowledge and skills, with opportunity for creativity and innovation.

Summative assessment will typically be continuous assessment and /or exam based with an applied research project in the candidates organisation.

Semester 1	Semester 2
<p>Digitalisation Of Process</p> <p>This module explores the digitalisation of business processes, from design to execution, establishing a clear process for understanding digitisation needs, paths to digitisation, and methods for visualisation and analysis.</p>	<p>Introduction To Data Analytics/Visualisation and Machine Learning</p> <p>This module introduces learners to business systems for collecting and interpreting datasets, designing and developing databases, and applying best practices in data analysis.</p>
<p>Introduction To Cyber-Physical Systems and Internet of Things (IoT)</p> <p>This module aims to give students a solid grasp of Cyber-Physical Systems and the Internet of Things, covering their concepts, technologies, applications, and societal impacts. It serves as an introductory course for those wishing to specialize or integrate these technologies into their fields.</p>	<p>Applied Research Project in Business Process Digitalisation</p> <p>The self-directed research project lets learners apply module knowledge in real-life settings, benefiting both the organisation and their career. An industry-based academic supervisor will provide support.</p>

Entry Requirements

Applicants should have a first or second-class Level 8 honours degree, or equivalent prior learning that is recognised by the University as meeting this requirement.

Applicants must also satisfy the English Language Requirements of the University of Limerick. The University reserves the right to shortlist and interview.

Further Information

To learn more about the Masters in Professional Diploma in Digitalisation of Business and Industry Processes and how to apply: scan the QR code.

Contact Us

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