

Micro-Credentialing in DCU

Dr. Mairéad Nic Giolla Mhichíl & Prof. Mark Brown

MicroBol Presentation 26th Jan 2001 WG QF-EHEA

Ollscoil Chathair Bhaile Átha Cliath/Dublin City University



About Dublin City University





DCU Connected
Excellence in Online Learning

CHOOSE YOUR OWN STUDY BUDDY

CLASS COMES TO YOU

dcu.ie/connected

ONLINE COURSE

Irish 101: An Introduction to Irish Language and Gaelic Culture

Get an introduction to Ireland's culture by learning the basics of the Irish language.

Go to course – starts 29 Jan



Overview

Topics

Start dates

Requirements

Educators



Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University



An Roinn Cultúir,
Oidhreacht agus Gaeltachta
Department of Culture,
Heritage and the Gaeltacht

S20

STRAITÉIS 20 BLIAIN DON
GHAEILGE 2010-2030
Ár dTeanga, Ár bPobal



National
Lottery

DCU announces global partnership with online education platform FutureLearn

More than 45,000 have taken online short courses to date



Pictured: Simon Nelson; Prof Mairead Ní Giolla Mhíchil and Prof Brian Mac Craith, DCU

Read More: [DCU](#) [Deals done](#) [FutureLearn](#)

12 June 2019 | 0 Dublin City University and social learning platform, FutureLearn, have agreed a strategic partnership to help meet the fast-growing demand for career-long, flexible learning.

Dublin City University (DCU) announces global partnership with online education platform FutureLearn

Future Learn by Future Learn Published: 12 June 2019 0 Hits: 846 Vote 5 1 Rate

Dublin City University and Europe's leading online social learning platform, FutureLearn, will announce a global strategic partnership to help meet the fast-growing demand for career-long, flexible learning, later today (Wed, June 12th) at DCU.

DCU's collaboration with FutureLearn will enable the university to remain at the forefront of the digital movement that is transforming



DCU announces global partnership with online education platform FutureLearn

Posted on June 12, 2019

Dublin City University and Europe's leading online social learning platform, FutureLearn, will announce a global strategic partnership to help meet the fast-growing demand for career-long, flexible learning, later today (Wed, June 12th) at DCU.

Dublin City University launches online degrees for lifelong learners

DCU has announced a series of online courses, from microcredentials to postgraduate degrees



1-4: Simon Nelson, CEO FutureLearn, Professor Mairead Ní Giolla Mhíchil, DCU and DCU President Professor Brian Mac Craith

Tuesday 12th June 2019

SHARE f t



DCU is launching bite-size online courses for skills-hungry professionals around the world

The university will today announce a strategic partnership with ed-tech outfit FutureLearn.

BY CONOR MCMAHON DEPUTY EDITOR, FORA
JUNE 12TH 2019 3 MIN READ

DUBLIN CITY UNIVERSITY is rolling out a suite of online courses on topics such as blockchain and artificial intelligence as part of a strategic partnership with digital education provider FutureLearn.



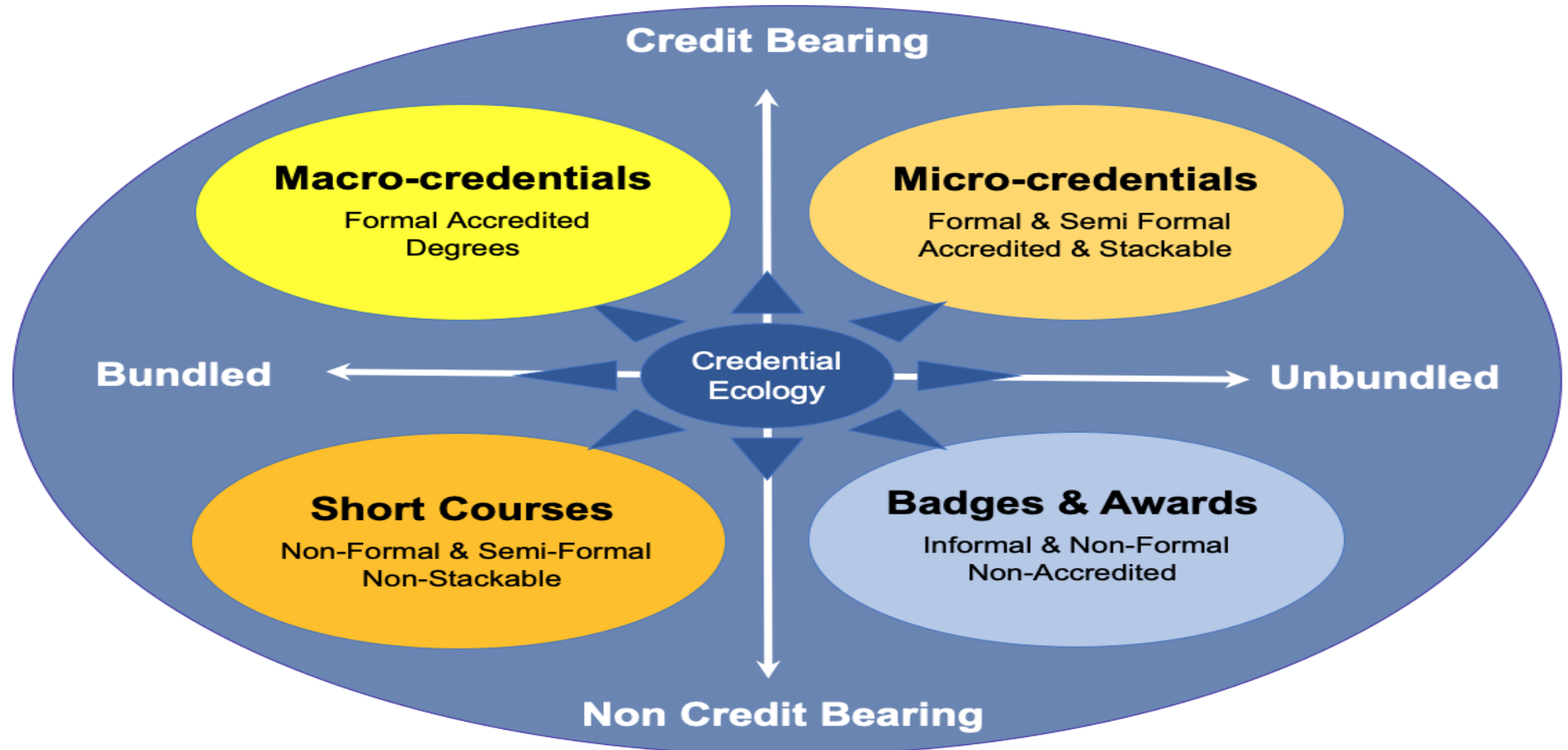
DCU announces global partnership with online education platform FutureLearn



DCU Core Values Micro-Credentials

- **Student-centred** – Satisfaction, relevance, value, with UX and iterative redesign based upon student feedback.
- **Institutional Value** – Stakeholder engagement, investment and participation, including holistic and sustainable integration with distinct elements of institutional strategy.
- **Academic Quality** – Vigorous maintenance of internal/external QA standards, logical and clear linking to existing offerings, academically-informed and validated learning design.
- **Diversification** – Unbundling and promoting diverse, credible learning pathways for diverse learners, expansion of strategic relationships to include industry/societal partners.
- **Societal Benefit** – learning for new purposes, expanding student participation, enabling and empowering learning while in work, retired, job seeking or reskilling.

Conceptualising a “credential ecology”



National Institute for Digital Learning

NIDL ▶

About ▶

News

Events ▶

People ▶

Open Education

Teaching Enhancement

The Ideas Lab ▶

DCU Connected
Programmes

DCU FutureLearn Courses

Study in Digital Learning ▶

Research Network ▶

Useful Resources ▶

Micro-credential Observatory

The Micro-credentials Observatory provides a list of international research reports along with a collection of major resources and initiatives related to the growth, development and impact of micro-credentials in higher education and lifelong learning more generally.

- **NIDL Activities**
- **NIDL Research**
- **Major Policy Initiatives**
- **National & International Reports**
- **Events, Conferences and Webinars**



DCU

Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University

Institutional Implementation & Development

Online Microcredential in **Business & Management**

FinTech - Financial Innovation

Investigate the changes brought about by FinTech innovation and harness evolving opportunities in the future of FinTech.

[Speak to an advisor](#)[Join now \\$1,659](#)

Created by

[Learn more](#)

Dates

Starts on 24 Jan 2020

[See more start dates](#)

Duration

12 weeks

Cost

\$1,659

Level

Postgraduate

[See requirements](#)[Overview](#)[Requirements](#)[Syllabus](#)[What you will receive](#)[Educators](#)[Start dates](#)

Explore up-to-date technological innovation in the financial services industry

Development & Implementation principles

- Conceptually link to existing offerings and quality standards, while enabling **new methods of educational participation**.
- Implementation required cooperation amongst multiple stakeholders, both academic, learning design, strategic management, and administrative.
- Useful opportunity to both develop, and to learn from the development process.



European
MOOC
Consortium

The European MOOC Consortium (EMC) launches a Common Microcredential Framework (CMF) to create portable credentials for lifelong learners

by [Niamh O'Grady](#) on 30 Apr 2019



At the EADTU-EU Summit 2019, Brussels, the EMC launched a Common Microcredential Framework (CMF) with its founding platform partners including [FutureLearn](#), [France Université Numérique \(FUN\)](#), [OpenupEd](#), [Miríadax](#), and [EduOpen](#).



Guided Common Micro-credential Framework

| Workload | 100- 150 hours - 125 Hours for FinTech |
|-----------------|--|
| Level | UG or PG (Levels 8-9 Ireland) – PG Level 9 |
| Assessment | Summative for Credit – ✓ |
| ID Verification | DCU / HEA reporting requirements ✓ |
| Transcript | Learning outcomes for a microcredential, total study hours required EQF level, and number of credit points ✓ |
| | Source (https://www.futurelearn.com/info/the-common-microcredential-framework) |

To qualify for direct entry into this microcredential, you should hold a Level 8 Honours Degree (2:1) or higher in business, finance, or a related discipline.

If you don't meet these requirements, you may still be considered if you can demonstrate equivalent competence to the entry requirements, such as completion of relevant, accredited CPD learning.

Upon successful completion of the programme, participating students will be awarded a microcredential worth 5 ECTS from DCU.

Institutional Framework

- Learning Outcomes, ECTS, Levels
 - MOOCs 1 ECTS, UG&PG
 - Micro-credentials 5 - 7.5 ECTS, UG & PG
- Institutional Quality Approval processes
 - Aligned with current processes at School, Faculty, University
 - Monitoring processes
- Key notion
 - “Learner to access, transfer or progress to other programmes” QQI Policy to Determine Award Standards” (QQI, 2014:4)
<https://www.qqi.ie/Publications/Publications/Policy%20for%20Determining%20Award%20Standards.pdf>
- Stackability in practice:
 - Micro-credentials - potentially as “component awards of DCU major awards”
 - Stand alone
 - Supplemental

WHAT WILL I LEARN?

This course will provide participants with a professional development opportunity that will support efforts to transition into a FinTech role. It is designed for both postgraduate students and for professionals working in the financial sector.

The following are the main learning outcomes you can expect to develop through this course:

- Acquire a deep understanding of the FinTech landscape and modern financial innovation.
- Synthesise theory and practice to assess the interaction of finance and technology in various contexts.
- Appraise how the financial services industry is innovating through the adoption and application of new technologies.
- Critically evaluate the emerging academic evidence pertaining to the dynamics and efficacy of new FinTech based markets and products.
- Develop and defend coherent and persuasive arguments for the adoption and application of innovative technologies to support finance services activities.
- Evaluate the competitive and collaborative opportunities that exist for established financial institutions and start-up FinTech firms, which should lead to a superior customer journey for consumers of financial services.

While not exhaustive, the course is designed around the key areas of

Institutional Framework

This course will appeal to the following professionals:

- Finance professionals seeking to upskill in the area of FinTech and financial innovation.
- Technology professionals seeking to appraise how new technologies are being adopted and applied in the financial services industry.
- Business, management, and finance graduates seeking to develop knowledge and expertise in respect of important concepts and issues pertaining to the emergence of FinTech.

Quality Qualifications Authority Ireland

Supplemental award-types are for learning that is additional to a previous major or special purpose award. In general, these are at the same level as the awards to which they are additional and the learning outcomes within the individual sub-strands are usually at the same level as in the previous award.

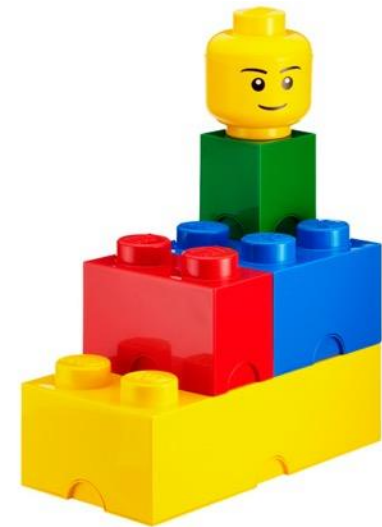
Special purpose awards are standalone and have a distinct identity which reflects their clearly defined purpose. There is no requirement that they be linked to a major award. They may however be integral to a major or minor award. A special purpose award will always be significantly smaller in volume than a major award. A special purpose award may also relate to more limited



Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University

Source: Descriptors for Minor, Special Purpose and Supplemental Award-Types National Qualifications Authority of Ireland
<https://www.qqi.ie/Publications/Publications/Descriptors%20-%20minor%2C%20special%20purpose%2C%20supplemental.pdf>

**Multi-Institutional + Co-Constructed
Micro-Credentials
= Complexity
Processes, Scalability,
Regulations, Platforms...**



ECIU University Micro-Modules

The core of the ECIU University is the challenge-based approach – the model where students, learners and researchers cooperate with cities and businesses to solve real-life challenges. Next to participating in the challenge, students will be able to choose from a variety of micro-modules which support them to better solve the challenge. The micro-modules will enable students:

- to learn more about regional and international societal issues related to different aspects of making cities and regions sustainable and therefore addressing the UN Sustainable Development Goal 11 (SDG 11);
- to learn foreign languages;
- to learn skills that are vital in solving challenges in international teams (e.g., intercultural communication).

DCU

Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University



Coming soon

Carbon-intensive regions in transition

The Midlands must seek to pivot from reliance on fossil fuel energy production to greener renewable energy production using the existing energy infrastructure and converting to modern and future energy use.

SUSTAINABLE CITIES AND COMMUNITIES, CLIMATE ACTION, AFFORDABLE AND CLEAN ENERGY



Coming soon

Making public space usable

Population and production growth have resulted in a demand for higher capacities of urban transportation systems. Today, traffic is the number one occupier of public space in Hamburg. That has led to unsatisfactory...

GOOD HEALTH AND WELL-BEING, INDUSTRY, INNOVATION, AND INFRASTRUCTURE, SUSTAINABLE CITIES AND COMMUNITIES, CLIMATE ACTION



Closed for application

User eXperience Challenge

A two day Design Sprint during which you will analyze, evaluate and re-design the User eXperience of digital products and services brought by Italian companies. Students and recent graduates will form groups and work...

INDUSTRY, INNOVATION, AND INFRASTRUCTURE, SUSTAINABLE CITIES AND COMMUNITIES



Closed for application

Mussels as an environmental mitigation tool

Eutrophication related to industry, agriculture, sewage and natural run-off has long been a problem for the Baltic Sea resulting in algal blooms and the build-up of anaerobic dead zones. Long-line mussel...

CLEAN WATER AND SANITATION, LIFE BELOW WATER, INDUSTRY, INNOVATION, AND INFRASTRUCTURE

Stretch, Test, Innovate & Evaluate

EHEA Tools

ECIU Micro-Credential Whitepaper

Go raibh maith agaibh!

@1mngm

mairead.nicgiollamhichil@dcu.ie

@mbrownz

mark.brown@dcu.ie

The Ideas Lab @
National Institute of Digital Learning
DCU

<https://www.dcu.ie/nidl/micro-credential-observatory>

