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Case Study on DIT Masters Degree Programmes

Frank McMahon

Dublin Institute of Technology, frank.mcmahon@dit.ie

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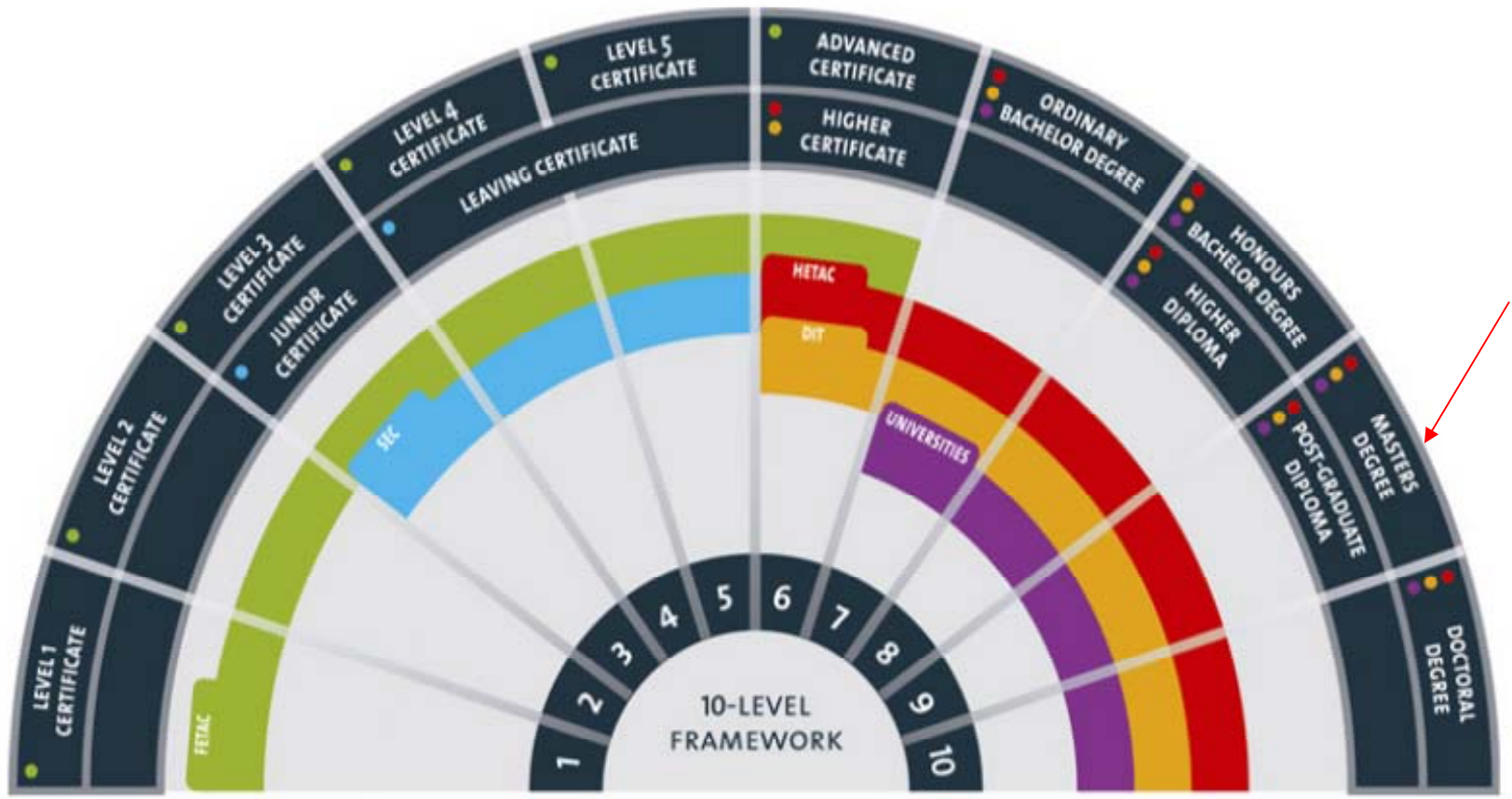


**Case Study on
DIT Masters Degree
Programmes,
EUA Conference
Prague, March 2009**

Dr Frank McMahon



The National Framework of Qualifications – award-types and awarding bodies



NQAI Learning Outcomes for Master Degree programmes

- Learning outcomes relate to the demonstration of knowledge and understanding which is the forefront of a field of learning. The outcomes relate to the application of knowledge, understanding and problem-solving abilities in new or unfamiliar contexts related to a field of study.

NQAI Learning Outcomes for Master Degree programmes

- The outcomes are associated with an ability to integrate knowledge, handle complexity and formulate judgements. Outcomes associated with this level would link with employment as a senior professional or manager with responsibility for the work outputs of teams

NQAI Learning Outcomes for Master Degree programmes

Knowledge <i>Breadth</i>	A systematic understanding of knowledge, at, or informed by, the forefront of a field of learning
Knowledge <i>Kind</i>	A critical awareness of current problems and/or new insights, generally informed by the forefront of a field of learning
Know-How & Skill <i>Range</i>	Demonstrate a range of standard and specialised research or equivalent tools and techniques of enquiry
Know-How & Skill <i>Selectivity</i>	Select from complex and advanced skills across a field of learning; develop new skills to a high level, including novel and emerging techniques

NQAI Learning Outcomes for Master Degree programmes

Competence <i>Context</i>	Act in a wide and often unpredictable variety of professional levels and ill-defined contexts
Competence <i>Role</i>	Take significant responsibility for the work of individuals and groups; lead and initiate activity
Competence <i>Learning to Learn</i>	Learn to self-evaluate and take responsibility for continuing academic/professional development
Competence <i>Insight</i>	Scrutinise and reflect on social norms and relationships and act to change them

DIT Master Degree Programmes

FACULTY OF APPLIED ARTS
FULL-TIME and PART-TIME

MA in Digital Media Technologies FT/PT
MA in Journalism FT
MA in Public Affairs and Political Communications FT
MA in Public Relations FT
MA in European Public Relations
MA in Law FT
M Mus (Performance) FT/PT
MA in Professional Design Practice FT/PT
MA in Criminology FT/PT
MA in Child, Family & Community Affairs FT/PT
European MA in Early Childhood Education and Care PT



DIT Master Degree Programmes

FACULTY OF THE BUILT ENVIRONMENT

FULL-TIME

MSc in Sustainable Development

MSc in Community & Local Development

PART-TIME

MSc in Planning & Development

MSc in Spatial Planning

MSc in Real Estate

MSc in Spatial Information Management

MSc in Quantity Surveying

DIT Master Degree Programmes

FACULTY OF BUSINESS - FULL-TIME

MSc in Marketing

MSc (Accounting)

MSc in Strategic Management

MSc in International Business

MSc in Advertising

MSc in Business & Entrepreneurship

MBS in Retail Management

MSc in Finance



DIT Master Degree Programmes

FACULTY OF BUSINESS - PART-TIME

MBA

MBS in Retail Management

MSc in Strategic Management

MSc in Marketing (Executive)

MSc in Technology & Innovation Management

MSc in Sales Management

DIT Master Degree Programmes

FACULTY OF ENGINEERING FULL-TIME

MSc in Applied Computing for Technologists

MSc in Engineering Computation

MSc in Electronic and Communications Engineering

MSc in Supply Chain Management

ME in Mechanical Engineering

ME in Signal Processing Engineering

ME in Pharmaceutical Process Control & Automation

ME in Sustainable Electrical Energy Systems

DIT Master Degree Programmes

FACULTY OF ENGINEERING PART-TIME

MSc in Applied Computing for Technologists

MSc in Engineering Computation

MSc in Electronic and Communications Engineering

MSc in Energy Management

MSc in Supply Chain Management

ME in Mechanical Engineering

ME in Signal Processing Engineering

ME in Pharmaceutical Process Control & Automation

ME in Sustainable Electrical Energy Systems

DIT Master Degree Programmes

FACULTY OF SCIENCE

MSc in Molecular Pathology P/T

MSc in Computing (IT) F/T & P/T

MSc in Computing (IT) P/T

MSc in Computing (Knowledge Management) F/T & P/T

MSc in Computing (Assistive Technology) P/T

MSc in Pharmaceutical QA & Biotechnology F/T

MSc in Pharmaceutical QA & Regulation P/T

MSc in Pharmaceutical Validation Technology P/T

MSc in Pharmaceutical & Chemical Process Technology P/T

MSc in Applied Maths & Theoretical Physics F/T & P/T

European MSc in Food Science, Technology & Nutrition F/T & P/T

DIT Master Degree Programmes

FACULTY OF TOURISM & FOOD

MSc in Hospitality Management F/T & P/T

MSc in Tourism Management F/T

MSc in Health Care Risk Management F/T

MSc in Environmental Health & Safety Management F/T & P/T

MSc in Culinary Innovation & Food Product Development F/T & P/T

MSc in Tourism Management P/T

MSc in Health Care Risk Management P/T

MSc in Food Safety Management P/T



DIT Master Degree Programmes

ACADEMIC AFFAIRS – PART TIME

MA in Third Level Learning & Teaching

MSc in Applied eLearning

Duration, Structure + ECTS credits with DIT Masters programmes

Duration:

**Wholetime: 1 year for taught modules (60 ECTS)
followed by 3 months dissertation (30 ECTS)**

Part-Time: 2 years

Types of Masters Programme

- Research Masters
(usually 2 years minimum)
- Taught Masters (2 types)
 - *Conversion*
 - *Deepening*

Taught Masters Type 1

- **Conversion**

A programme that does not build upon the area of study at Bachelor level

e.g. BA (Languages) followed by MBA

Taught Masters – Type 2

- **Deepening**

A programme that builds upon Bachelor degree study

e.g. MSc (Chemistry) following a BSc (Chemistry)



DEVELOPMENTS IN ARCHITECTURE

- Traditionally, a 5 year programme leading to Bachelor degree
- Proposed new format
3 year (Bachelor) + 2 year Masters degree

DEVELOPMENTS IN ENGINEERING

- Traditionally, a 4 year Honours Bachelor degree required for membership of Engineers Ireland
- Proposed new requirement
4 year (Bachelor) + 1 year *or* 1.5 years
Masters degree

Masters Degree as introduction to Research

- Not a requirement

The entry requirement for a Research Degree is an honours Bachelor degree.

Sometimes a Masters degree may be substituted for the Honours Bachelor degree where applicant does not have Honours Bachelor degree

DISSERTATION

- This can serve as an introduction to research and encourage graduates to pursue a research degree
- Dissertation usually

Masters Degree as introduction to Research

- Module on research methods

Most taught master degrees involve a module on research methods



Reasons for Masters degree study

- To gain a qualification in any area not previously studied to enhance employability
- To meet requirements for a particular jobs market
- To meet entry requirements for some professional bodies

Masters degree students in Irish Universities – Full-time students

LEVEL	UCD	UCC	TCD
	%	%	%
Undergraduate	77	84	78
PhD	8	4	6
Research Masters	2	1	6
Taught Masters	13	10	10



THE FUTURE

- An increased number of Masters degree programmes
- More students proceeding to Masters degree study
- Masters degrees replacing Bachelor degrees as requirement for jobs



Thank you

Refs: www.nqai.ie
www.dit.ie