

# CERTIFICATE OF VALIDATION



QQI

Quality and Qualifications Ireland  
Dearbhú Cáilíochta agus Cáilíochtaí Éireann

ReValidation

<b>Provider Name</b>	Dublin Business School
<b>Date of Validation</b>	12-Sep-19

	<b>First intake</b>	<b>Last intake</b>	<b>Intakes per annum</b>
<b>Enrolment Interval</b>	Sep-19	Aug-24	2

	<b>Code</b>	<b>Title</b>	<b>Award</b>	<b>Duration (Months)</b>	<b>Intakes per annum</b>
<b>Principal Programme</b>	PG24222	Master of Science in Information Systems with Computing	Master of Science (Major Award at NFQ Level 9) 9M20829 90 credits	1 year FT 2 years PT	2
<b>Embedded Programmes</b>	PG24223	Postgraduate Diploma in Science in Information Systems with Computing	Postgraduate Diploma in Science (Major Award at NFQ Level 9) 9M20830 60 Credits	1 year FT 2 years PT	N/A

## Principal Programme

**5 Year Plan: Planned total enrolment i.e. aggregated across all intakes and all approved centres**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
<b>Minimum Intake into first year</b>	15	15	15	15	15
<b>Maximum Intake into first year</b>	200	200	200	200	200

**Target Learner groups**

This programme is aimed at learners with second class second division (2.2) honours undergraduate bachelor degree in a cognate area who wish to specialise in the field of information systems with computing with a view to entering industry. Cognate subjects include science, technology, computing, engineering, mathematics or related discipline. This programme may also be of interest to those with a second class second division (2.2) honours undergraduate bachelor degree in a non-cognate area plus 4 years professional experience in a related field and who require a qualification in this area in order to progress professionally. Learners will be assessed on a case by case basis. On completion of this programme, learners will have the information systems with computing expertise to take a strategic view and effectively integrate their skills into decision-making in their company. Through the applied research project, learners will develop independent research and problem-solving skills which will be valuable in a variety of contexts in the workplace.

**Brief Synopsis of the programmes**

Information technology is the most robust industry in the world. Information Systems play a leading role in IT industry as well as in any business. There is a growing need for Information Systems specialists with a focus on business and technology. The objective of this programme is to deliver high-quality Level 9 professionals for this growing need. On completion of this programme, learners will have the theoretical and practical skills in the area of information systems with computing skills; they will have the competencies in business and technical skills; and will have the expertise to take a strategic view and effectively integrate their problem-solving skills into decision-making in their company. This programme accommodates a wide audience of learners whose specific interests in information systems may either be technically-focused or business-focused. It is a 1-year full-time, 2-year part-time programme with seven 5 ECTS and three 10 ECTS taught modules, and a 25 ECTS Applied Research Project.

<b>Delivery mode: full-time / part-time</b>	Full-time and part-time		
<b>Teaching and Learning Modes</b>	Classroom lectures Case-based learning Practical skills sessions Workshops Tutorials Individual and group work Online synchronous and synchronous classes		
<b>Approved countries</b>	Ireland		
<b>Physical resource requirements</b>	Lecture rooms with multimedia resources and physical resources suitable for working in breakout groups. Classroom / computer room with requisite software required for the delivery of the programme are detailed in each of the module descriptors and also in Section 8.		
<b>Staff Profiles</b>	<b>Qualifications and Experience</b>		<b>WTE</b>
	Lecturing staff will have a minimum of a Level 9 Postgraduate Diploma or Masters and/or PhD in the following areas: Mathematics, Statistics, Computer Science, Software Development, Computer Security, Information Systems, Data Analytics, and Database Development, Networks, Enterprise Information Systems, etc.  In modules where industry experience is desirable, holders of Level 8 honours degrees in the above disciplines, who are exceptionally qualified by virtue of significant senior industry experience may also be considered.		1.97
<b>Approved Centres</b>	<b>Centre</b>	<b>Minimum per intake per Centre</b>	<b>Maximum per intake per Centre</b>
	DBS: Dublin Campus	15	100
<b>Learner Teacher Ratios</b>	<b>Learning Activity</b>		<b>Ratio</b>
	Workshops		1:25
	Practical sessions		1:25
	Classroom sessions		1:50
<b>Programme being replaced by this programme</b>	<b>Prog Code</b>	<b>Programme Title</b>	<b>Validated</b>
	PG19604	MASTER OF SCIENCE in Information Systems with Computing	20-Jun-18
			<b>To Close</b>

# Embedded Programme

Code	Title	Award	Duration (Months)	Annual Intakes
PG24223	Postgraduate Diploma in Science in Information Systems with Computing	Postgraduate Diploma in Science 9M20830 60 credits	1 year FT 2 years PT	N/A

## 5 Year Plan: Planned total enrolment i.e. aggregated across all intakes and all approved centres

	Year 1	Year 2	Year 3	Year 4	Year 5
Minimum Intake into first year	15	15	15	15	15
Maximum Intake into first year	200	200	200	200	200

### Target Learner groups

This programme is aimed at learners with second class second division (2.2) honours undergraduate bachelor degree in a cognate area who wish to specialise in the field of information systems with computing with a view to entering industry. Cognate subjects include science, technology, computing, engineering, mathematics or related discipline. This programme may also be of interest to those with a second class second division (2.2) honours undergraduate bachelor degree in a non-cognate area plus 4 years professional experience in a related field and who require a qualification in this area in order to progress professionally. Learners will be assessed on a case by case basis. On completion of this programme, learners will have the theoretical and practical skills in the area of information systems with computing skills; they will have the competencies in business and technical skills; and will have the expertise to take a strategic view and effectively integrate their problem-solving skills into decision-making in their company.

### Brief Synopsis of the programmes

The Postgraduate Diploma is an embedded award in the Master of Science in Information Systems with Computing. It will not be offered separately but it is an exit award at 65 ECTS for learners who are unable to reach the applied research project stage or wish not to complete the full Masters programme. As an interdisciplinary programme that focuses on information systems with computing skills, this Postgraduate Diploma has been developed with the aim of providing learners with the applied knowledge and skills to apply several ICT concepts and techniques to generate valuable insights that can assist with making decisions in small and large enterprises. The duration of the postgraduate programme is two semesters full-time and four semesters part-time and is comprised of six taught modules of 5 ECTS along with three taught modules of 10 ECTS each.

### Delivery mode: full-time / part-time

Full-time and part-time

### Teaching and Learning Modes

Classroom lectures  
Case-based learning  
Practical skills sessions  
Workshops  
Tutorials  
Individual and group work  
Online synchronous and asynchronous

### Approved countries where enrolled learners will be based

Ireland

**Physical resource requirements**

Lecture rooms with multimedia resources and physical resources suitable for working in breakout groups. Classroom / computer room with requisite software required for the delivery of the programme are detailed in each of the module descriptors and also in Section 8.

**Staff Profiles**

<b>Qualifications and Experience</b>	<b>WTE</b>
<p>Lecturing staff will have a minimum of a Level 9 Postgraduate Diploma or Masters and/or PhD in the following areas: Mathematics, Statistics, Computer Science, Software Development, Computer Security, Information Systems, Data Analytics, and Database Development, Networks, Enterprise Information Systems, etc.</p> <p>In modules where industry experience is desirable, holders of Level 8 honours degrees in the above disciplines, who are exceptionally qualified by virtue of significant senior industry experience may also be considered.</p>	1.97

**Approved Centres**

<b>Centre</b>	<b>Minimum per intake per Centre</b>	<b>Maximum per intake per Centre</b>
DBS: Dublin Campus	15	100

**Learner Teacher Ratios**

<b>Learning Activity</b>	<b>Ratio</b>
Workshops	1:25
Practical Sessions	1:25
Classroom sessions	1:50

**Programme being replaced by this programme**

<b>Prog Code</b>	<b>Programme Title</b>	<b>Validated</b>	<b>To Close</b>
na	n/a		

# Conditions of Validation of the Programmes Covered by this Certificate of Validation

## Part 1: Statutory Conditions of Validation

The statutory (section 45(3) of the 2012 Act) conditions of validation are that the provider of the programme shall:

- 1.co-operate with and assist QQI in the performance of QQI's functions in so far as those functions relate to the functions of the provider,
- 2.establish procedures which are fair and consistent for the assessment of enrolled learners to ensure the standards of knowledge, skill or competence determined by QQI under section 49 (1) are acquired, and where appropriate, demonstrated, by enrolled learners,
- 3.continue to comply with section 65 of the 2012 Act in respect of arrangements for the protection of enrolled learners, if applicable, and
- 4.provide to QQI such information as QQI may from time to time require for the purposes of the performance of its functions, including information in respect of completion rates.

## Part 2 Conditions of Validation Established by QQI Under section 45(4)(b) of the 2012 Act

### Part 2.1 Condition of Validation Concerning a Change in the QQI Award or Award Standard

- 1.Where QQI changes an award title, an award specification or an award standard that a programme depends upon, the provider shall not enrol any further learners on the affected programmes unless informed otherwise in writing by QQI (e.g. by the issue of a revised certificate of validation). The programme is considered validated for learners already enrolled on the affected programme.

### Part 2.2 Condition of Validation Concerning the Duration of Enrolment

- 1.The duration of enrolment is the interval during which learners may be enrolled on the validated programme.

Validation is determined by QQI for a specified number of years of enrolment appropriate to the particular programme as indicated on the certificate on validation subject to unit 9.2.1. It is a condition of validation that the programme does not enrol any new learners outside this interval. A typical duration would be five years.

If a provider wishes to continue to enrol learners to the programme beyond this interval the provider must arrange in good time for it to be validated again by QQI, or exceptionally the provider may apply for extension of the duration of enrolment (unit (14)). In this context the provider may apply for validation of the programme from first principles or, alternatively, the provider may avail of the process for revalidation (unit (13)) by QQI.

### Part 2.3 General Condition of Validation

The provider of the programme shall:

- 1.Ensure that the programme as implemented does not differ in a material way from the programme as validated; differing in a material way is defined as differing in any aspect of the programme or its implementation that was material to QQI's validation criteria.
- 2.Ensure that the programme is provided with the appropriate staff and physical resources as validated.
- 3.Implement in respect of the programme its written quality assurance procedures (as approved by QQI).
- 4.Make no significant change to the programme without the prior approval of QQI. (See unit (8)).
- 5.Unless otherwise agreed by QQI in writing, start implementing the programme as validated and enrol learners within 18 months of validation.

6. Continue in respect of the validated programme to comply with section 56 of the 2012 Act in respect of procedures for access, transfer and progression.
7. Implement the programme and procedures for assessment of learners in accordance with the Approved Programme Schedule and notify QQI in writing of any amendments to this arising from changes to the programme; see unit (9).
8. When advertising and promoting the programme and awards, use the programme title as validated, and the correct QQI award title(s), award type(s) and award class(es) indicating the level of the award(s) on the National Framework of Qualifications.
9. Adhere to QQI regulations and procedures for certification.
10. Notify QQI in writing without delay of:
  - a. any material change to the programme;
  - a. anything that impacts on the integrity or reputation of the programme or the corresponding QQI awards;
  - b. anything that infringes the conditions of validation; or
  - c. anything that would be likely to cause QQI to consider reviewing the validation.
11. Notify QQI in writing to determine the implications for the provider's validated programmes, where the provider is likely to, or planning to, merge (amalgamate) with another entity or to acquire, or be acquired by, another entity (see unit (12.5)).
12. Report to QQI, when required or requested, on its implementation of the programme and compliance with the conditions of validation.

#### **Part 2.4 General Condition of Validation Arising from Specialised Validation Policy and Criteria**

1. n/a

#### **Part 2.5 Special Conditions of Validation**

1. n/a

## Approved Programme Schedule(s)

### Master of Science in Information Systems with Computing – Full-time

<b>Name of Provider:</b>		Dublin Business School											
<b>Programme Title</b>		Master of Science in Information Systems with Computing											
<b>Award Title</b>		Master of Science											
<b>Stage Exit Award Title<sup>3</sup></b>		Postgraduate Diploma in Information Systems with Computing											
<b>Modes of Delivery (FT/PT):</b>		Full-time											
<b>Teaching and learning modalities</b>		As per module descriptors											
Award Class	Award NFQ Level	Award EFQ Level	Stage (1,2,3,4, ..., or Award Stage)	Stage NFQ	Stage EFQ	Stage Credits (ECTS)	Date Effective	ISCED Subject Code					
Major	9	7	Award	9	7	90	September 2019	0613					
Module Title (Up to 70 characters including spaces)	Semester Number where applicable (Semester 1 or 2)	Module		ECTS Credit Number	Total Student Effort Module (hours)					Allocation of Marks (from the module assessment strategy)			
		Status	NFQ Level where specified		Total Hours	Class (or equiva) Contact	Directed e-learning	Independent Learning <sup>18</sup>	Hours of effort <sup>18</sup>	Work-based learning <sup>18</sup>	C.A. %	Supervised Project %	Proctored practical demonstratio
Software Engineering	1	M	9	5	125	24	25	76		100			
Advanced Databases	1	M	9	5	125	24	25	76			50		50

<sup>18</sup> Work-based learning effort is not the number of hours in the workplace. For example, a person might spend 35 hours in the workplace as a trainee and this might involve 7 hours of learning effort.

Networks and Systems Administration	1	M	9	5	125	24	25	76		60			40
Programming for Information Systems	1	M	9	10	250	48	50	152		100			
Web and Mobile Technologies	1	M	9	5	125	24	25	76		30	70		
Applied Research Methods	2	M	9	5	125	24	25	76		100			
Enterprise Information Systems	2	M	9	5	125	24	25	76		50			50
Data Analytics and Visualisation	2	M	9	10	250	48	50	152		100			
Computer Systems Security	2	M	9	10	250	48	50	152		50			50
Web Development for Information Systems	2	M	9	5	125	24	25	76		100			
Applied Research Project	3	M	9	25	625	12		613		100			
Special Regulations:													
Students will not progress to the Applied Research Project module unless all taught modules have been passed.													



## Master of Science in Information Systems with Computing – Part-time

<b>Name of Provider:</b>		Dublin Business School												
<b>Programme Title</b>		Master of Science in Information Systems with Computing												
<b>Award Title</b>		Master of Science												
<b>Stage Exit Award Title<sup>3</sup></b>		Postgraduate Diploma in Information Systems with Computing												
<b>Modes of Delivery (FT/PT):</b>		Part-time												
<b>Teaching and learning modalities</b>		As per module descriptors												
<b>Award Class</b>	<b>Award NFQ Level</b>	<b>Award EFQ Level</b>	<b>Stage (1,2,3,4, ..., or Award Stage)</b>	<b>Stage NFQ</b>	<b>Stage EFQ</b>	<b>Stage Credits (ECTS)</b>	<b>Date Effective</b>	<b>ISCED Subject Code</b>						
Major	9	7	Award	9	7	90	1st September 2019	0613						
<b>Module Title</b> (Up to 70 characters including spaces)		<b>Semester Number where applicable</b> (Semester 1 or 2)	<b>Module</b>		<b>ECTS Credit Number</b>	<b>Total Student Effort Module (hours)</b>					<b>Allocation of Marks (from the module assessment strategy)</b>			
			<b>Status</b>	<b>NFQ Level where specified</b>		<b>Hours Total</b>	<b>Contact</b>	<b>Class (or equiv)</b>	<b>Directed e-learning</b>	<b>Hours of Independence</b>	<b>Work-based</b>	<b>C.A. %</b>	<b>Supervised Project %</b>	<b>Proctored practical demonstrati</b>
Software Engineering		1	M	9	5	125	18	31	76		100			
Advanced Databases		2	M	9	5	125	18	31	76			50		50

<sup>19</sup> Work-based learning effort is not the number of hours in the workplace. For example, a person might spend 35 hours in the workplace as a trainee and this might involve 7 hours of learning effort.

Networks and Systems Administration	2	M	9	5	125	18	31	76		60			40
Programming for Information Systems	1	M	9	10	250	36	62	152		100			
Web and Mobile Technologies	2	M	9	5	125	18	31	76		30	70		
Applied Research Methods	3	M	9	5	125	18	31	76		100			
Enterprise Information Systems	3	M	9	5	125	18	31	76		50			50
Data Analytics and Visualisation	3	M	9	10	250	36	62	152		100			
Computer Systems Security	4	M	9	10	250	36	62	152		50			50
Web Development for Information Systems	4	M	9	5	125	18	31	76		100			
Applied Research Project	5	M	9	25	625	12		613		100			
Special Regulations:													
Students will not progress to the Applied Research Project module unless all taught modules have been passed.													

## Postgraduate Diploma in Information Systems with Computing – Full-time

<b>Name of Provider:</b>		Dublin Business School											
<b>Programme Title</b>		Postgraduate Diploma in Science in Information Systems with Computing											
<b>Award Title</b>		Postgraduate Diploma in Science											
<b>Stage Exit Award Title<sup>3</sup></b>		N/A											
<b>Modes of Delivery (FT/PT):</b>		Full-time											
<b>Teaching and learning modalities</b>		As per module descriptors											
Award Class	Award NFQ Level	Award EFQ Level	Stage (1,2,3,4, ..., or Award Stage)	Stage NFQ	Stage EFQ	Stage Credits (ECTS)	Date Effective	ISCED Subject Code					
Major	9	7	Award	9	7	90	September 2019	0613					
Module Title (Up to 70 characters including spaces)	Semester Number where applicable (Semester 1 or 2)	Module		ECTS Credit Number	Total Student Effort Module (hours)					Allocation of Marks (from the module assessment strategy)			
		Status	NFQ Level where specified		Total Hours	Class (or equiv) Contact	Directed e-learning	Hours of Independent Learning <sup>20</sup>	Work-based Learning effort <sup>20</sup>	C.A. %	Supervised Project %	Proctored practical demonstratio	Proctored written exam %
Software Engineering	1	M	9	5	125	24	25	76		100			
Advanced Databases	1	M	9	5	125	24	25	76			50		50
Networks and Systems Administration	1	M	9	5	125	24	25	76		60			40

<sup>20</sup> Work-based learning effort is not the number of hours in the workplace. For example, a person might spend 35 hours in the workplace as a trainee and this might involve 7 hours of learning effort.

Programming for Information Systems	1	M	9	10	250	48	50	152		100			
Web and Mobile Technologies	1	M	9	5	125	24	25	76		30	70		
Enterprise Information Systems	2	M	9	5	125	24	25	76		50			50
Data Analytics and Visualisation	2	M	9	10	250	48	50	152		100			
Computer Systems Security	2	M	9	10	250	48	50	152		50			50
Web Development for Information Systems	2	M	9	5	125	24	25	76		100			
Special Regulations:													
None.													

## Postgraduate Diploma in Information Systems with Computing – Part-time

<b>Name of Provider:</b>		Dublin Business School											
<b>Programme Title</b>		Postgraduate Diploma in Science in Information Systems with Computing											
<b>Award Title</b>		Postgraduate Diploma in Science											
<b>Stage Exit Award Title<sup>3</sup></b>		N/A											
<b>Modes of Delivery (FT/PT):</b>		Part-time											
<b>Teaching and learning modalities</b>		As per module descriptors											
<b>Award Class</b>	<b>Award NFQ Level</b>	<b>Award EFQ Level</b>	<b>Stage (1,2,3,4, ..., or Award Stage)</b>	<b>Stage NFQ</b>	<b>Stage EFQ</b>	<b>Stage Credits (ECTS)</b>	<b>Date Effective</b>	<b>ISCED Subject Code</b>					
Major	9	7	Award	9	7	90	1st September 2019	0613					
<b>Module Title</b> (Up to 70 characters including spaces)		<b>Semester Number where applicable</b> (Semester 1 or 2)	<b>Module</b>		<b>ECTS Credit Number</b>	<b>Total Student Effort Module (hours)</b>					<b>Allocation of Marks (from the module assessment strategy)</b>		
			<b>Status</b>	<b>NFQ Level where specified</b>		<b>Hours</b>	<b>Contact</b>	<b>Class (or equiv)</b>	<b>Directed e-learning</b>	<b>Hours of Independence</b>	<b>Work-based</b>	<b>C.A. %</b>	<b>Supervised Project %</b>
Software Engineering		1	M	9	5	125	18	31	76		100		
Advanced Databases		2	M	9	5	125	18	31	76			50	50

<sup>21</sup> Work-based learning effort is not the number of hours in the workplace. For example, a person might spend 35 hours in the workplace as a trainee and this might involve 7 hours of learning effort.

Networks and Systems Administration	2	M	9	5	125	18	31	76		60			40
Programming for Information Systems	1	M	9	10	250	36	62	152		100			
Web and Mobile Technologies	2	M	9	5	125	18	31	76		30	70		
Enterprise Information Systems	3	M	9	5	125	18	31	76		50			50
Data Analytics and Visualisation	3	M	9	10	250	36	62	152		100			
Computer Systems Security	4	M	9	10	250	36	62	152		50			50
Web Development for Information Systems	4	M	9	5	125	18	31	76		100			
Special Regulations:													
None													