CERTIFICATE OF VALIDATION

Extension #1

Provider Name	Dublin Business School
Date of Validation	11-Apr-19

	First intake	**Last intake**
Enrolment Interval	Sep-19	Aug-25

	Code	**Title**	**Award**	**Duration (Months)**	**Annual Intakes**
Principal Programme	PG24049	Master of Science in Business Analytics	Master of Science (Major Award at NFQ Level 9) 9M20727 90 credits	3 semesters FT 4 semesters PT	3
Embedded Programmes	PG24050	Postgraduate Diploma in Science in Business Analytics	Postgraduate Diploma in Science (Major Award at NFQ Level 9) 9M20728 60 Credits	2 semesters FT 3 semesters PT	0

Principal Programme

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				
Maximum Intake into first year	360				

Target Learner groups

This programme is aimed at learners with a Level 8 honours bachelor's primary undergraduate degree in a cognate area (e.g. computer science, IT, science, mathematics, statistics, finance, economics, business (including quantitative methods), engineering, maths and management information systems), who wish to specialise in the field of business analytics with a view to entering industry, or those with a Level 8 honours bachelor's primary undergraduate degree in a non-cognate area plus three to five years' experience of business analytics and who require a qualification in this area in order to progress professionally. These will be assessed on a case-by-case basis. Learners will need to have achieved a minimum second class second division award (2.2 classification) in their honours Bachelor's Level 8 degree.
On completion of this programme, learners will have the business expertise and analytics competencies to take a strategic view and effectively integrate cutting edge analytics into decision-making in their company. Through the 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

Given the ever-increasing volume of data that businesses have access to today, there is a demand for employees who have computational, analytical and business strategy skills who can inform business decisions to increase efficiency and an organisation's value. This Master of Science in Business Analytics has been developed with the aim of providing learners with the knowledge, skills and research capability to critically analyse, implement and evaluate big data concepts and techniques in order to generate valuable insights, thereby assisting with strategic business decisions, increasing productivity, profitability and an organisation's value and market share.
This is an interdisciplinary programme that focuses on business management, data analytics and computing. It is designed to appeal to graduates seeking to gain exposure to the technology and data-enabled business model. The programme is constructed as a one year full-time or two year part-time programme of nine taught modules of 65 ECTS and a research project of 25 ECTS,

	leading to an award of Master of Science in Business Analytics.
Delivery mode: full-time / part-time	Full time / Part time
Teaching and Learning Modes	1. Classroom lectures 2. Case-based learning 3. Practical skills sessions 4. Workshops 5. Tutorials 6. Individual and group work 7. Online synchronous and asynchronous
Approved countries	Ireland
Physical resource requirements	Lecture rooms with multimedia resources and physical resources suitable for working in breakout groups. Classroom / computer room with requisite (non-specialist) software required for the delivery of the programme are detailed in each of the module descriptors and also in Section 8.

Staff Profiles

Qualifications and Experience	WTE
Lecturing staff will have a minimum of a Masters and/or PhD in the following areas: ● Computing science ● Business including quantitative methods and project management ● Data mining and business intelligence ● Finance ● Mathematics and statistics	1.85
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.	

Approved Centres

Centre	Minimum Number of learners per Centre	Maxium Number of learners per Centre
DBS Campus	15	360

Learner Teacher Ratios

Learning Activity	Ratio
Workshops	1:25
Practical sessions	1:25
Classroom sessions	1:50

Programme being replaced by this programme

Prog Code	Programme Title	Validated	To Close
na	N/A		

Embedded Programme

Code	Title	Award	Duration (Months)	Annual Intakes
PG24050	Postgraduate Diploma in Science in Business Analytics	Postgraduate Diploma in Science 9M20728 60 credits	2 semesters FT 3 semesters PT	0

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	0				
Maximum Intake into first year	0				

Target Learner groups

This programme is aimed at learners with a Level 8 honours bachelor's primary undergraduate degree in a cognate area (e.g. computer science, IT, science, mathematics, statistics, finance, economics, business (including quantitative methods), engineering, maths and management information systems), who wish to specialise in the field of business analytics with a view to entering industry, or those with a Level 8 honours bachelor's primary undergraduate degree in a non-cognate area plus three to five years' experience of business analytics and who require a qualification in this area in order to progress professionally. These will be assessed on a case-by-case basis. Learners will need to have achieved a minimum second class second division award (2.2 classification) in their honours Bachelor's Level 8 degree.
On completion of this programme, learners will have the business expertise and analytics competencies to take a strategic view and effectively integrate cutting edge analytics into decision-making in their company.

Brief Synopsis of the programmes

The Postgraduate Diploma is an embedded award in the Master of Science in Business Analytics. It will not be offered separately but is an exit award at 60 ECTS for learners who are unable to or wish not to complete the full Masters programme.
As an interdisciplinary programme that focuses on business management, data analytics and computing, this Postgraduate Diploma has been developed with the aim of providing learners with the applied knowledge and skills to apply descriptive, predictive, and prescriptive analytics of big data concepts and techniques to generate valuable insights that can assist with decision-making and strategic business decisions. The duration of the postgraduate programme is two semesters full-time and three semesters part-time and is comprised of four taught modules of 10 ECTS along with four taught modules of 5 ECTS each.

Delivery mode: full-time / part-time

Full time/Part time

Teaching and Learning Modes

1. Classroom lectures
2. Case-based learning
3. Practical skills sessions
4. Workshops
5. Tutorials
6. Individual and group work
7. 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 (non-specialist) software required for the delivery of the programme are detailed in each of the module descriptors and also in Section 8.

Staff Profiles

Qualifications and Experience	WTE
Lecturing staff will have a minimum of a Masters and/or PhD in the following areas: ● Computing science ● Business including quantitative methods and project management ● Data mining and business intelligence ● Finance ● Mathematics and statistics	1.45

Approved Centres

Centre	Minimum Number of learners per intake per Centre	Maxium Number of learners per intake per Centre
DBS Campus	0	0

Learner Teacher Ratios

Learning Activity	Ratio
Workshops	1:25
Practical Sessions	1:25
Classroom sessions	1:50

Programme being replaced by this programme

Prog Code	Programme Title	Validated	To Close
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.

Part 2.5 Special Conditions of Validation

n/a

Name of Provider	Dublin Business School
Programme Title	Master of Science in Business Analytics
Award Title	Master of Science in Business Analytics
Stage Exit Award Title	N/A
Mode of Delivery:	Full Time
Teaching and Learning modalities	As per module descriptors

Award Class	Award NFQ Level	Award EQF Level	Stage	Stage NFQ Level	Stage EFQ Level	Stage Credit (ECTS)	Date Effective	ISCED Subject Code
Major	9	7	Award	9	7	90	1st October 2018	0688

Module Title	Semester	Module		Credit Number	Total Student Effort Hours (Module)					Allocation of Marks (Module Assessment Strategy)			
		Status	NFQ Level where specified	Credit Units ECTS	Total Hours	Class or equivalent contact	Directed e-learning	Independent Learning	Work-based Learning Effort	CA %	Supervised Project	Proctored practical demonstration	Proctored Written Exam %
Introductory Programming, Databases and Statistics	0	O			75	24	26	25		50		50	
Programming for Analytics	1	M		5	125	24	25	75		50		50	
Requirements Analysis	1	M		5	125	24	25	75		60			40
Applied Statistics and Machine Learning	1	M		10	250	48	50	152		60			40
Data Mining	2	M		10	250	48	50	152		60		40	
Business Intelligence and Visualisation	2	M		5	125	24	25	75		60			40
Project Management for Business Analytics	2	M		5	125	24	25	75		100			
Financial and Business Analytics	2	M		10	250	48	50	152		60			40
Business Strategy	1	M		10	250	48	50	152		100			
Applied Research Methods	2	M		5	125	24	25	75		100			
Applied Research Project	3	M		25	625	10	0	615			100		

Special regulations:

Students must pass all 65 taught credits and have an approved dissertation proposal to proceed to dissertation. Students who fail fewer than 15 credits may repeat and proceed if successful on their second sitting. Students otherwise transfer to the Postgraduate Diploma track.

Name of Provider			Dublin Business School										
Programme Title			Master of Science in Business Analytics										
Award Title			Master of Science in Business Analytics										
Stage Exit Award Title			N/A										
Mode of Delivery:			Part Time										
Teaching and Learning modalities			As per module descriptors										
Award Class	Award NFQ Level	Award EQF Level	Stage		Stage NFQ Level		Stage EFQ Level		Stage Credit (ECTS)	Date Effective		ISCED Subject Code	
Major	9	7	Award		9		7		90	1st October 2018		0688	

Module Title	Semester	Module		Credit Number	Total Student Effort Hours (Module)					Allocation of Marks (Module Assessment Strategy)			
		Status	NFQ Level where specified	Credit Units ECTS	Total Hours	Class or equivalent contact	Directed e-learning	Independent Learning	Work-based Learning Effort	CA %	Supervised Project	Proctored practical demonstration	Proctored Written Exam %
Introductory Programming, Databases and Statistics	0	O			75	24	26	25		50		50	
Programming for Analytics	1	M		5	125	18	25	81		50		50	
Requirements Analysis	1	M		5	125	18	25	81		60			40
Applied Statistics and Machine Learning	1	M		10	250	36	50	164		60			40
Data Mining	2	M		10	250	36	50	164		60		40	
Business Intelligence and Visualisation	3	M		5	125	18	25	81		60			40
Project Management for Business Analytics	3	M		5	125	18	25	81		100			
Financial and Business Analytics	3	M		10	250	36	50	164		60			40
Business Strategy	2	M		10	250	36	50	164		100			
Applied Research Methods	3	M		5	125	18	25	81		100			
Applied Research Project	4	M		25	625	10	0	615			100		

Special regulations:

Students must pass all 65 taught credits and have an approved dissertation proposal to proceed to dissertation. Students who fail fewer than 25 credits may repeat and proceed if successful on their second sitting. Students otherwise transfer to the Postgraduate Diploma track.

Name of Provider			Dublin Business School												
Programme Title			Master of Science in Business Analytics												
Award Title			Postgraduate Diploma in Business Analytics												
Stage Exit Award Title			Postgraduate Diploma in Business Analytics												
Mode of Delivery:			Full Time												
Teaching and Learning modalities			As per module descriptors												
Award Class	Award NFQ Level	Award EQF Level	Stage			Stage NFQ Level			Stage EFQ Level		Stage Credit (ECTS)	Date Effective		ISCED Subject Code	
Major	9	7	Award			9			7		60	1st October 2018		0747	
Module Title			Semeste	Module		Credit Num-ber	Total Student Effort Hours (Module)					Allocation of Marks (Module Assessment Strategy)			
				Status	NFQ Level where specified	Credit Units ECTS	Total Hours	Class or equivalent contact	Directed e-learning	Independent Learning	Work-based Learning Effort	CA %	Supervised Project	Proctored practical demonstration	Proctored Written Exam %
Introductory Programming, Databases and Statistics			0	O			75	24	26	25		50		50	
Programming for Analytics			1	M		5	125	24	25	75		50		50	
Requirements Analysis			1	M		5	125	24	25	75		60			40
Applied Statistics and Machine Learning			1	M		10	250	48	50	152		60			40
Data Mining			2	M		10	250	48	50	152		60		40	
Business Intelligence and Visualisation			2	M		5	125	24	25	75		60			40
Project Management for Business Analytics			2	M		5	125	24	25	75		100			
Financial and Business Analytics			2	M		10	250	48	50	152		60			40
Business Strategy			1	M		10	250	48	50	152		100			
Special regulations:															

Name of Provider			Dublin Business School											
Programme Title			Master of Science in Business Analytics											
Award Title			Postgraduate Diploma in Business Analytics											
Stage Exit Award Title			Postgraduate Diploma in Business Analytics											
Mode of Delivery:			Part Time											
Teaching and Learning modalities			As per module descriptors											
Award Class	Award NFQ Level	Award EQF Level	Stage		Stage NFQ Level			Stage EFQ Level		Stage Credit (ECTS)	Date Effective		ISCED Subject Code	
Major	9	7	Award		9			7		60	1st October 2018		0747	
Module Title			Semeste	Module		Credit Num-ber	Total Student Effort Hours (Module)					Allocation of Marks (Module Assessment Strategy)			
				Status	NFQ Level where specified	Credit Units ECTS	Total Hours	Class or equivalent contact	Directed e-learning	Independent Learning	Work-based Learning Effort	CA %	Supervised Project	Proctored practical demonstration	Proctored Written Exam %
Introductory Programming, Databases and Statistics			0	O			75	24	26	25		50		50	
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Business Intelligence and Visualisation			3	M		5	125	18	25	81		60			40
Project Management for Business Analytics			3	M		5	125	18	25	81		100			
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Business Strategy			2	M		10	250	36	50	164		100			
Special regulations:															