QQI
Dearbhú Cáilíochta agus Cáilíochtaí Éireann
Quality and Qualifications Ireland

CERTIFICATE OF VALIDATION

New validation   Validation Process: **Revalidation**

Provider Name	Dublin Business School
Date of Validation	14-Jul-22

	Code	Title	Award	Exit
Principal Programme	PG24856	Diploma in Big Data for Business	Diploma (Special Purpose Award at NFQ Level 7) 7S21901 60 credits	N/A
Embedded Programme	N/A			

	First Intake	Last Intake
Enrolment Interval	Sep-22	Aug-27

Principal Programme

	Full Time	Part Time	**Delivery Mode: full-time / part-time**	Part Time
Maximum Intakes per Annum:	0	3		
Minimum Learners per Intake:	0	5		
Maximum Learners per Intake:	0	50		
Duration (months)	N/A	12		

Target Learner Groups

This programme targets mature learners who meet the minimum entry requirements for the programme and the Springboard requirements for funding. Primarily this programme's target group is those wishing to upskill in this area or who have been away from the workplace for some time and wish to refresh their skills in order to seek employment.

Brief Synopsis of the Programmes

This Diploma in Big Data for Business has been designed to meet the growing need for graduates with data science skills in the light of increasing applications of new and existing technologies and techniques such as statistical analysis, business information and data visualisation across many industries throughout the global economy. Given the rapid growth in internet data usage, the shift to cloud computing, and the rate at which Irish businesses integrate data and analytics into their daily operations, Big Data is an identifiable discipline with a breadth and depth of content that encompasses many of the subfields (e.g. information systems, business intelligence, data visualisation all contribute to forming the modern big data ecosystem).

Semester one lays the groundwork for the programme and encompasses modules that focus on providing a solid and comprehensive understanding of the relevant concepts, a proficiency in the use of project management skills to plan to gather, analyse, process and visualise data, and maths and statistics for big data. Learners develop advanced applied skills in essential areas such as statistical tools and techniques on complex data sets, while also offering theoretical knowledge of business application.

Semester two builds on this by covering advanced modules in which the knowledge, understanding and skills acquired in the first semester can be employed. Semester two modules offer advanced and applied skills in topics such as Information systems, databases and data visualisation.

In semester three the learners apply a variety of skills in practical modules of Databases and Business Intelligence and Analysis.

In addition, the programme aims to incorporate advanced transversal skills in each module for the professional development of learners to enhance their employability options. This will enable the learner to integrate seamlessly into an organisation by addressing skills such as problem-solving, teamwork, time management and academic writing that are essential for a graduate.
It is a 1-year programme with six 10 ECTS taught modules.

Teaching and Learning Modes	1. Directed Learning 2. E-learning (directed) 3. E-learning (self-directed) 4. Group Discussions 5. Group Discussions/Interactions 6. Laboratory / Studio 7. Lectures / Classes 8. One-on-One Sessions 9. Other 10. Practical Sessions 11. Practical/workshop/Laboratories/studio sessions 12. Self Directed Learning 13. Tutorials 14. Tutorials/One on one supported learning 15. Webinars 16. Workshops

Approved Countries	Ireland

Physical Resource Requirements

Learners are required to have ongoing access to a computer, related software and a reliable internet connection. Learners will be provided with a full online induction which provides an introduction to the College generally as well as an IT induction and sessions on learning online. There is no programme-specific technology required for the programme.

Staff Profiles	Qualifications and Experience	WTE
Subject Matter Expert	The Subject Matter expert for this programme will have a minimum of an NFQ Level 9 Postgraduate Diploma or Masters qualification in Computer Science or a related discipline along with programme management experience and subject matter expertise.	0.1
Academic Director	The Academic Director for this programme will have a minimum of a NFQ Level 9 Postgraduate Diploma or Masters qualification in Computer Science or a related discipline along with programme management/ academic leadership experience.	0.1
Administration & Support Staff	Such as Library, Admissions, Student Experience, Finance etc. Experience and qualifications relevant to the role.	0.64
Lecturer	Staff delivering this programme will hold a minimum of a Level 8 Honours Degree in IT in the following, or a related area: ● Mathematics ● Statistics ● Computing ● Computer Science ● Software Development ● Management Information Systems ● Artificial Intelligence ● Data Science ● Data Analytics ● Business Analytics Holders of Level 8 honours Bachelor's degrees in a relevant discipline, who are exceptionally qualified by virtue of significant senior industry experience, will also be considered.	6

Approved Centres	Centre	Minimum Number of Learners per Intake per Centre	Maximum Number of Learners per Intake per Centre
	38628L Dublin Business School	5	50

Additional Locations	Location Name	Minimum Enrolment per Annum	Maximum Enrolment per Annum
	N/A		

Learner Teacher Ratios	Learning Activity	Ratio
	Online tutorial (interactive)	1:25
	Online class (broadcast live)	1:50
	Practical lab sessions	1:35
	Workshops	1:25
	Lecture classroom-based sessions	1:50

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	PG23239	Diploma in Big Data for Business	04-Sep-17

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 writting, 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 certfication.

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

Programme and stage schedules

PG24856 Diploma in Big Data for Business

Name of Provider	Dublin Business School		
Programme Title	PG24856 Diploma in Big Data for Business		
Award Title	Diploma	Exit Award	N/A
Teaching and learning modalities	Lectures / Classes; Practical Sessions; Tutorials; Directed Learning; E-learning (directed); E-learning (self-directed); Group Discussions; Group Discussions/Interactions; Laboratory / Studio; Other; One-on-One Sessions; Practical/workshop/Laboratories/studio sessions; Self Directed Learning; Tutorials/One on one supported learning; Webinars; Workshops		

Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage	Stage NFQ Level	Stage Credits	First Intake	ISCED Code
Part time	Special Purpose	7	6	Award Stage	7	60	Sep 2022	04.1.3

Module		Total Student Effort Module (Hours)						Allocation of Marks					
Title	Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Maths and Statistics for Big Data	1	M	10	250	36	50	164	0	100	0	0	0	0
Project Management for Big Data	1	M	10	250	36	50	164	0	100	0	0	0	0
Information Systems for Business	2	M	10	250	36	50	164	0	100	0	0	0	0
Data Visualisation and Big Data	2	M	10	250	36	50	164	0	100	0	0	0	0
Databases	All	M	10	250	36	50	164	0	100	0	0	0	0
Business Intelligence and Analysis	All	M	10	250	36	50	164	0	100	0	0	0	0