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	03-Dec-20

	Code	Title	Award	Exit
Principal Programme	PG24463	Bachelor of Science (Honours) in Computing	Bachelor of Science (Honours) (Honours Bachelor Degree at NFQ Level 8) 8M21095 240 credits	N/A
Embedded Programme	PG24464	Bachelor of Science in Computing	Bachelor of Science (Ordinary Bachelor Degree at NFQ Level 7) 7M21097 180 credits	Yes

	First Intake	Last Intake
Enrolment Interval	01-Jan-21	31-Dec-25

Principal Programme

	Full Time	Part Time
Maximum Intakes per Annum:	2	2
Minimum Learners per Intake:	7	7
Maximum Learners per Intake:	150	150
Duration (months)	48	56

Delivery Mode: full-time / part-time	Full Time, Part Time

Target Learner Groups

This programme is aimed at learners who wish to specialise in the field of information systems and computing with a view to entering industry or progressing to further study.

This programme is aimed at learners with the following qualifications:
? Leaving certificate applicants must apply through the CAO system and have achieved 2 H5s + 4 O6/H7s, to include Mathematics and English or another language. Due to the nature of the programme, the target learner should have minimum Mathematics skills of H7/O5 in the Leaving Certificate.
? A full FETAC award at Level 5 on the NFQ and which includes a Distinction grade in at least three modules.
? Mature Learners who do not meet the minimum entry requirements will be assessed on the basis of age, work experience, general education standard, motivation and commitment to the programme for which they are applying. Mature learners are those who are 23 years of age by January 1st of the year of admission.

Through the capstone project, learners will develop independent problem-solving skills which will be valuable in a variety of contexts in the workplace. On completion of this programme, learners will have the knowledge and skills required for the design, implementation, and administration of computing systems.

Brief Synopsis of the Programmes

Computing is the most robust industry in the world and information systems, cloud computing, web security and data management play a leading role in the information technology and computing industries as well as the majority of businesses. Ireland has witnessed an increased need for computing specialists, who have core foundational computer science skills and who can apply these skills to business and technology.

The Bachelor of Science (Hons) in Computing (240 ECTS) programme provides the academic knowledge and practical skills needed for a foundational computing qualification with further specialisation possible in the areas of web and mobile, data analytics, software development, databases and security, etc. The aim of the programme is to deliver high-quality, educated and informed graduates with understanding of core computer technologies and information systems while also having the requisite up-to-date practical technical skills in these areas. In addition, the proposed programme will enhance the learner's employability by addressing and developing competencies in communication, self-management, and teamwork.

Stage one lays the groundwork for the programme and encompasses mostly foundational modules that focus on providing a solid and comprehensive understanding of the relevant concepts such as programming fundamentals, computer architecture, information systems and mathematics and statistics for computing, introduction to web development and cloud computing. Learners will also develop skills such as Information and Communications Technology Essentials and logic and problem solving.
Stage two will build on the knowledge developed at Stage one in object-oriented programming, data communications and networks, algorithms and data structures, database systems, software engineering, web development and operating systems. In addition, learners will gain an understanding of principles of professional practice in IT project management.
Stage three will further advance learners' knowledge and practical skills in advanced web design, systems analysis and design and introduction to data science. Learners professional development will be further enhanced through the work placement component.
Stage four (Award) will complete learners instruction with Cybersecurity plus two electives from either the software ware development stream (Mobile & Social Computing and Cloud Platform Development) or the Data Analytics stream (Data Mining & Big Data Analytics and Big Data: Achieving Scale). Learners will complete their award stage with a capstone project.
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 technical competencies and soft, transversal skills that are necessary in any business environment.
This programme accommodates a wide audience of learners whose specific interests in computing may either be technically-focused or business-focused. It is a 4 year full-time programme of 240 ECTS.

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. On the job Training 9. One-on-One Sessions 10. Practical Sessions 11. Practical/workshop/Laboratories/studio sessions 12. Self Directed Learning 13. Simulated Work Environment 14. Tutorials 15. Tutorials/One on one supported learning 16. Webinars 17. Work experience 18. Work Experience/Simulated Work environment 19. Workshops

Approved Countries	Ireland

Physical Resource Requirements

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

Staff Profiles	Qualifications and Experience	WTE
Lecturer	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.	10

Approved Centres	Centre	Minimum Number of Learners per Intake per Centre	Maximum Number of Learners per Intake per Centre
	38628L Dublin Business School	7	150

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)	1:70
	Practical Lab sessions	1:35
	Workshops	1:25
	Lecture class-room based sessions	1:70

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	PG21040	Bachelor of Science (Honours) in Computing	01-Nov-17

Embedded Programme

Validation Process: **New**

Code	Title	Award	Exit
PG24464	Bachelor of Science in Computing	Bachelor of Science (Ordinary Bachelor Degree at NFQ Level 7) 7M21097 180 credits	Yes

	Full Time	Part Time
Maximum Intakes per Annum:	1	1
Minimum Learners per Intake:	1	1
Maximum Learners per Intake:	1	1
Duration (months)	36	48

Delivery Mode: full-time / part-time	Full Time, Part Time

Target Learner Groups

This programme is aimed at learners who wish to specialise in the field of information systems and computing with a view to entering industry or progressing to further study.

This programme is aimed at learners with the following qualifications:
? Leaving certificate applicants must apply through the CAO system and have achieved 2 H5s + 4 O6/H7s, to include Mathematics and English or another language. Due to the nature of the programme, the target learner should have minimum Mathematics skills of H7/O5 in the Leaving Certificate.
? A full FETAC award at Level 5 on the NFQ and which includes a Distinction grade in at least three modules.
? Mature Learners who do not meet the minimum entry requirements will be assessed on the basis of age, work experience, general education standard, motivation and commitment to the programme for which they are applying. Mature learners are those who are 23 years of age by January 1st of the year of admission.

Through the capstone project, learners will develop independent problem-solving skills which will be valuable in a variety of contexts in the workplace. On completion of this programme, learners will have the knowledge and skills required for the design, implementation, and administration of computing systems.

Brief Synopsis of the Programmes

As per principal programme

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. Practical Sessions 10. Practical/workshop/Laboratories/studio sessions 11. Self Directed Learning 12. Simulated Work Environment 13. Tutorials 14. Tutorials/One on one supported learning 15. Webinars 16. Work experience 17. Work Experience/Simulated Work environment 18. Workshops

Approved Countries	Ireland

Physical Resource Requirements

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

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Approved Centres	Centre	Minimum Number of Learners per Intake per Centre	Maximum Number of Learners per Intake per Centre
	38628L Dublin Business School	1	1

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)	1:70
	Practical Lab sessions	1:35
	Workshops	1:25
	Lecture class-room based sessions	1:70

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	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 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

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Part 2.5 Special Conditions of Validation