

## CERTIFICATE OF VALIDATION

New validation

Validation Process: **Revalidation**

<b>Provider Name</b>	Dublin Business School
<b>Date of Validation</b>	10-Jun-25

	Code	Title	Award	Exit Only
<b>Principal Programme</b>	PG26480	Higher Diploma in Science in Computing (Web and Cloud)	Higher Diploma in Science (Higher Diploma at NFQ Level 8) 8M22898 60 credits	N/A
<b>Embedded Programme</b>	PG26481	Certificate in Information Technology	Certificate (Minor Award at NFQ Level 8) 8H22896 15 credits	Yes

	First Intake	Last Intake
<b>Enrolment Interval</b>	Sep-25	Aug-30

### Principal Programme

	Full Time	Part Time	Delivery Mode: full-time / part-time
<b>Intakes per Annum:</b>	3	3	Full Time, Part Time
<b>Minimum Learners per Intake:</b>	10	10	
<b>Maximum Learners per Intake:</b>	120	120	
<b>Duration (months)</b>	12	24	

### Target Learner Groups

The Higher Diploma in Science in Computing (Web and Cloud) is a conversion course for non-computing graduates who wish to acquire core ICT skills and computing expertise which will enable graduates to design, develop, test, and deliver robust web applications, cloud services, or related infrastructure components.

Graduates will, upon completion of this programme, have the skills necessary to carry out industry-level computations and information processing, system and application development, support modern IT infrastructures and participate in ICT projects and pursue a career path in the technology-driven world. Applying analytical thinking and problem-solving skills to the development process, and effectively reflect upon and critique proposed web and cloud-based solutions.

The Higher Diploma in Science in Computing (Web and Cloud) creates graduates capable of dealing with diverse intrinsic and extrinsic technological realities in a creative manner to ensure sustainability and career growth. In this way, this programme is aimed at those who wish to specialise in the field of ICT with a view to entering industry, progressing professionally or to undertake postgraduate studies in a related field.

## Brief Synopsis of the Programmes

The Higher Diploma in Science in Computing (Web and Cloud) provides the practical knowledge and skills in the area of computing and data science for learners who wish to upskill or reskill in this area. The Higher Diploma in Science in Computing (Web and Cloud) is a one year full-time, two years part-time programme that aims to educate and prepare a diverse group of learners in applying the transferable skills that they have obtained as part of their original degree to specific computing skills in their chosen area of specialisation. The programme aims to develop learners' knowledge of the theory and practice of Information necessary for them to secure employment and perform as graduate level computing practitioners in a broad range of commercial, industrial and public sector environments. However, as a transversal skill, the skills developed can be applied across a variety of disciplines, for example in financial services. Learners will benefit from theoretical knowledge fundamental to apply advanced web technologies and cloud infrastructure, database design, and introduction to programming. These skills can also be used to generate actionable insights for stakeholders and support strategic decision making. The programme provides learners with an opportunity to gain experience of researching and solving real-world computing projects through work placement and project work.

The Higher Diploma in Science in Computing (Web and Cloud) is a one year full-time (two semesters) and a two year part-time (four semesters) programme providing foundational computing and advanced IT skills that will enable learners to develop a critical understanding of core concepts, architectures, and methods applied in programming, database systems, information systems, security principles, and infrastructure specifically related to web and cloud environments.

## Minimum Intended Programme Learning Outcomes

On completion of this programme the learner will be able to:

1. Demonstrate an understanding of core computing concepts and methods applied in programming, web development, information systems and database development, computer systems and administration, software and systems security and in software engineering or data storage and networking.
2. Apply appropriate theories, processes, tools and techniques available to practitioners within the discipline of computing.
3. Utilise specialised skills that are applicable in the context of established and emerging computing practices.
4. Use appropriate skills to interpret technical requirements and use this to design, develop and deliver suitable computing artefacts.
5. Establish competence required for professional, ethical and legal delivery of individual or group projects in a supervised work or industry environment.
6. Apply analytical thinking to the problem-solving process, reflect on and critique proposed web and cloud-based solutions.
7. Display appropriate personal and professional attitude and approach to independent learning required to fill knowledge gaps in the area of Web and Cloud technologies.

### Teaching and Learning Modes

1. Directed Learning
2. E-learning (directed)
3. E-learning (self-directed)
4. Group Discussions
5. Lectures / Classes
6. Practical Sessions
7. Self Directed Learning
8. Tutorials
9. Workshops

### Approved Countries

Ireland

## Physical Resource Requirements

Appropriately equipped computer work area.

Lecture rooms of sufficient size for work in breakout groups/with appropriate multimedia resources.

Appropriate software resources to be used in the teaching and learning of all modules.

Learners are also required to have ongoing access to a computer, related software, and a reliable internet connection. This means that for learners their laptop or desktop computer will require a minimum of a supported version of a Windows operating system and 4GM RAM.

Staff Profiles	Qualifications and Experience	WTE
Lecturer	Lecturing staff will have a minimum of a Masters and/or PhD in the following areas: Computing science / Computing Quantitative methods Web Development Networking Information Systems Computer Technology Research methods Mathematics and statistics In modules where industry experience is desirable, those who are exceptionally qualified by virtue of senior significant experience may also be considered.	8
Academic Director	The Academic Director will be responsible for the overall management and development of the programme, the coordination of the organisation and delivery of the programme, and the management and support of learners on the programme through Assistant Academic Directors and Programme Level Managers. The Academic Director is responsible for the suite of programmes in their discipline area and ensures programme offerings are current, employment-focused and academically robust and coherent in construct. The Academic Director provides academic leadership to Faculty and to Programme Teams in the development and delivery of high-quality, progressive, learner-centred education. The Academic Director role is focused around 3 distinct areas: Governance of discipline area programmes. Programme development, review, and retention for discipline areas. Programme innovation, employer engagement and foster business opportunity in the discipline area.	1
Assistant Academic Director	The Assistant Academic Director works alongside the Academic Director across many of their duties, including the management and development of the programme, the coordination of the organisation and delivery of the programme, and the management and support of learners on the programme. The Assistant Academic Director also works in a student-facing capacity, through teaching and supporting students more generally throughout their time as DBS. The Assistant Academic Director role is focused around 3 distinct areas: Effective programme management and teaching, learning and assessment initiatives in DBS programmes. Implementation of programme development, review, and retention initiatives in the discipline area. Supporting the discipline Academic Director in discipline development, enhancement and innovation including opportunities for business development, employer-facing initiatives and improved graduate outcomes.	1
Programme Level Manager	The Programme Level Manager (PLM) provides professional leadership and management for an allocated subject area in order to facilitate teaching and learning and to secure effective use of resources. This includes undertaking teaching duties as appropriate to the requirements of a programme and consistent with the area(s) of expertise, keeping up-to-date with teaching and learning developments and being alert to best practice, providing guidance to colleagues on content, methodology and resources regarding the subject area and answering subject specific queries and requests for accommodations from learners.	1

Approved Centres	Centre	Minimum Enrolment per Annum	Maximum Enrolment per Annum
	38628L Dublin Business School	10	720

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

Learner Teacher Ratios	Learning Activity	Ratio
	Online Lectures	1:30
	Classroom Sessions	1:30

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	PG24224	Higher Diploma in Science in Computing	25-Apr-24

## Embedded Programme

Validation Process: **Revalidation**

Code	Title	Award	Exit Only
PG26481	Certificate in Information Technology	Certificate (Minor Award at NFQ Level 8) 8H22896 15 credits	Yes

	Full Time	Part Time	Delivery Mode: full-time / part-time
Duration (months)	12	24	Full Time, Part Time

### Target Learner Groups

The certificate is offered as an exit award for learners who cannot complete the full programme.

### Brief Synopsis of the Programmes

There is one embedded programme in the Higher Diploma in Science in Computing (Web and Cloud), a Certificate in Information Technology. The certificate is offered as an exit award for learners who cannot complete the full programme.

### Minimum Intended Programme Learning Outcomes

On completion of this programme the learner will be able to:

1. Demonstrate an understanding of core computing concepts and methods applied in programming, web development, information systems and database development, computer systems and administration, software and systems security and in software engineering or data storage and networking.
2. Apply appropriate theories, processes, tools and techniques available to practitioners within the discipline of computing.
3. Utilise specialised skills that are applicable in the context of established and emerging computing practices.
4. Use appropriate skills to interpret technical requirements and use this to design, develop and deliver suitable computing artefacts.
5. Establish competence required for professional, ethical and legal delivery of individual or group projects in a supervised work or industry environment.
6. Apply analytical thinking to the problem-solving process, reflect on and critique proposed web and cloud-based solutions.
7. Display appropriate personal and professional attitude and approach to independent learning required to fill knowledge gaps in the area of Web and Cloud technologies.

Teaching and Learning Modes	
	<ol style="list-style-type: none"> <li>1. Directed Learning</li> <li>2. E-learning (directed)</li> <li>3. E-learning (self-directed)</li> <li>4. Group Discussions</li> <li>5. Lectures / Classes</li> <li>6. Practical Sessions</li> <li>7. Self Directed Learning</li> <li>8. Tutorials</li> <li>9. Workshops</li> </ol>

Approved Countries	Ireland

## Physical Resource Requirements

Appropriately equipped computer work area.

Lecture rooms of sufficient size for work in breakout groups/with appropriate multimedia resources.

Appropriate software resources to be used in the teaching and learning of all modules.

Learners are also required to have ongoing access to a computer, related software, and a reliable internet connection. This means that for learners their laptop or desktop computer will require a minimum of a supported version of a Windows operating system and 4GM RAM.

Staff Profiles	Qualifications and Experience	WTE
Lecturer	Lecturing staff will have a minimum of a Masters and/or PhD in the following areas: Computing science / Computing Quantitative methods Web Development Networking Information Systems Computer Technology Research methods Mathematics and statistics In modules where industry experience is desirable, those who are exceptionally qualified by virtue of senior significant experience may also be considered.	8
Academic Director	The Academic Director will be responsible for the overall management and development of the programme, the coordination of the organisation and delivery of the programme, and the management and support of learners on the programme through Assistant Academic Directors and Programme Level Managers. The Academic Director is responsible for the suite of programmes in their discipline area and ensures programme offerings are current, employment-focused and academically robust and coherent in construct. The Academic Director provides academic leadership to Faculty and to Programme Teams in the development and delivery of high-quality, progressive, learner-centred education. The Academic Director role is focused around 3 distinct areas: Governance of discipline area programmes. Programme development, review, and retention for discipline areas. Programme innovation, employer engagement and foster business opportunity in the discipline area.	1
Assistant Academic Director	The Assistant Academic Director works alongside the Academic Director across many of their duties, including the management and development of the programme, the coordination of the organisation and delivery of the programme, and the management and support of learners on the programme. The Assistant Academic Director also works in a student-facing capacity, through teaching and supporting students more generally throughout their time as DBS. The Assistant Academic Director role is focused around 3 distinct areas: Effective programme management and teaching, learning and assessment initiatives in DBS programmes. Implementation of programme development, review, and retention initiatives in the discipline area. Supporting the discipline Academic Director in discipline development, enhancement and innovation including opportunities for business development, employer-facing initiatives and improved graduate outcomes.	1
Programme Level Manager	The Programme Level Manager (PLM) provides professional leadership and management for an allocated subject area in order to facilitate teaching and learning and to secure effective use of resources. This includes undertaking teaching duties as appropriate to the requirements of a programme and consistent with the area(s) of expertise, keeping up-to-date with teaching and learning developments and being alert to best practice, providing guidance to colleagues on content, methodology and resources regarding the subject area and answering subject specific queries and requests for accommodations from learners.	1

Approved Centres	Centre	Minimum Enrolment per Annum	Maximum Enrolment per Annum
	38628L Dublin Business School	0	0

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

Learner Teacher Ratios	Learning Activity	Ratio
	Online Lectures	1:30
	Classroom Sessions	1:30

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	PG24230	Certificate in Information Technology	25-Apr-24

# 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**

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

## Programme and stage schedules

### PG26480 Higher Diploma in Science in Computing (Web and Cloud)

<b>Name of Provider</b>		Dublin Business School												
<b>Programme Title</b>		PG26480 Higher Diploma in Science in Computing (Web and Cloud)												
<b>Award Title</b>		Higher Diploma in Science							<b>Exit Award Only</b>		N/A			
<b>Teaching and learning modalities</b>		Lectures / Classes; Practical Sessions; Tutorials; Directed Learning; E-learning (directed); E-learning (self-directed); Group Discussions; Self Directed Learning; Workshops												
<b>Delivery Modes</b>	<b>Award Class</b>	<b>Award NFQ Level</b>	<b>Award EQF Level</b>	<b>Stage</b>	<b>Stage NFQ Level</b>	<b>Stage Credits</b>	<b>First Intake</b>			<b>ISCED Code</b>				
Both	Major	8	6	Award Stage	8	60	Sep 2025			06.1.3				
<b>Module</b>				<b>Total Student Effort Module (Hours)</b>					<b>Allocation of Marks</b>					
<b>Title</b>	<b>Semester</b>	<b>Status</b>	<b>Credit</b>	<b>Total Hours</b>	<b>Class Contact Hours</b>	<b>Direct e-learning</b>	<b>Hours of independent learning</b>	<b>Work-based learning efforts</b>	<b>C.A. %</b>	<b>Project %</b>	<b>Skills demonstration %</b>	<b>Exam %</b>	<b>Workbased %</b>	
Introduction to Programming	1	M	10	250	48	0	202	0	100	0	0	0	0	
Web Design and Development	1	M	5	125	24	0	101	0	100	0	0	0	0	
Database Design and Development	1	M	10	250	48	0	202	0	100	0	0	0	0	
Information Systems Development and Management	2	M	5	125	24	0	101	0	50	0	0	50	0	
Web and Cloud Application Development	2	M	10	250	48	0	202	0	100	0	0	0	0	
Cloud Infrastructure and Virtualisation	2	M	5	125	24	0	101	0	100	0	0	0	0	
Advanced Web Technologies	2	M	5	125	24	0	101	0	100	0	0	0	0	
Project	3	E	10	250	18	0	232	0	0	100	0	0	0	
Placement	3	E	10	250	6	0	42	202	0	0	0	0	100	

## PG26481 Certificate in Information Technology

Name of Provider		Dublin Business School													
Programme Title		PG26481 Certificate in Information Technology													
Award Title		Certificate							Exit Award Only		Yes				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials; Directed Learning; E-learning (directed); E-learning (self-directed); Group Discussions; Self Directed Learning; Workshops													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage	Stage NFQ Level	Stage Credits	First Intake			ISCED Code					
Both	Minor	8	6	Award Stage	8	15	Sep 2025			06.1.3					
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 %	
Introduction to Programming		1	M	10	250	48	0	202	0	100	0	0	0	0	
Web Design and Development		1	M	5	125	24	0	101	0	100	0	0	0	0	