



bcs

The
Chartered
Institute
for IT

2022

DIRECTORY

BCS QUALIFICATION AND CERTIFICATION DIRECTORY

DIGITAL SKILLS FOR INDUSTRY

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INTRODUCTION

This comprehensive guide gives you all you need to know about the wider qualifications, apprenticeship end-point assessment and industry professional certifications offered by BCS.

We're dedicated to ensuring that our education offering is at the forefront of quality digital learning and provision.

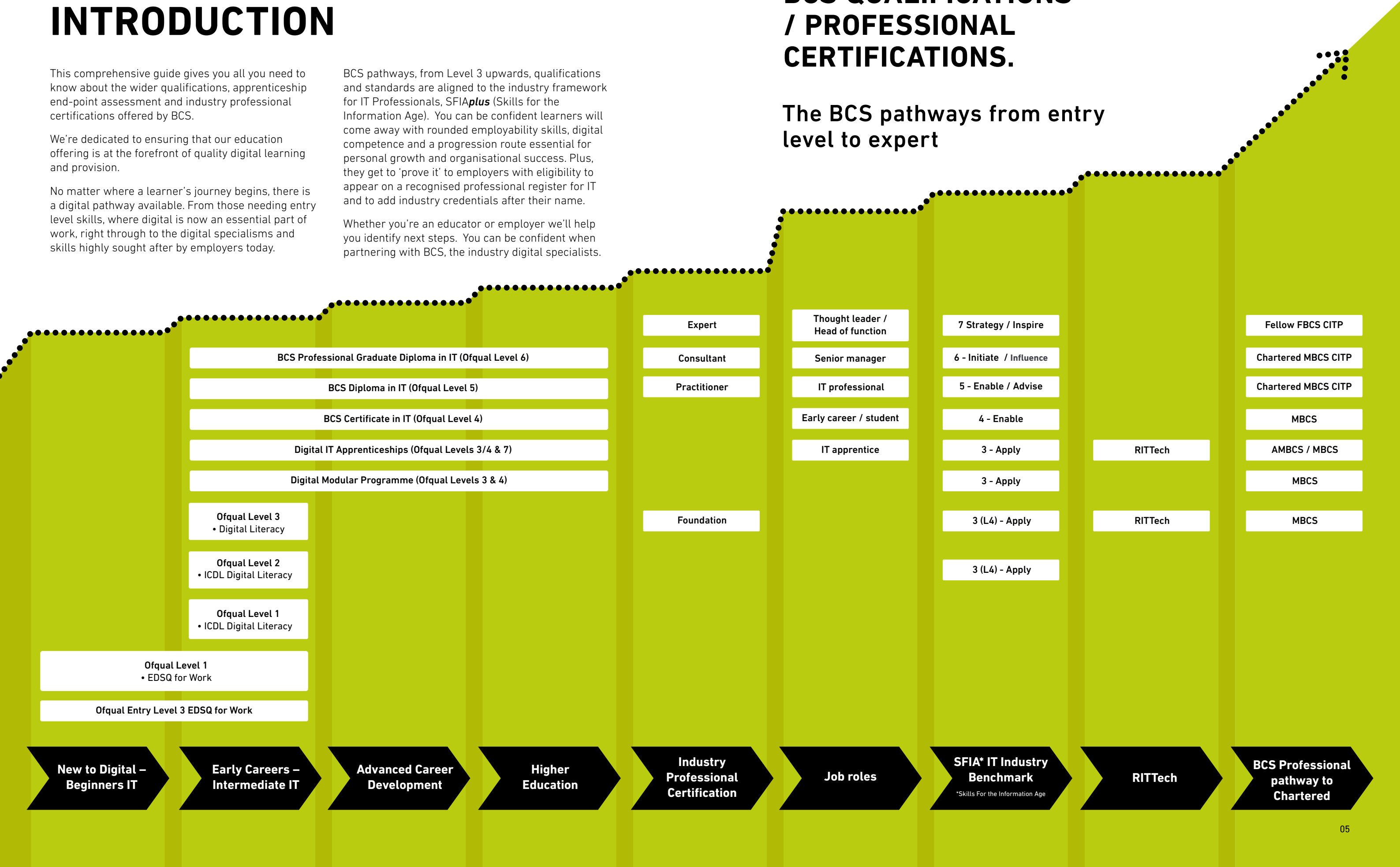
No matter where a learner's journey begins, there is a digital pathway available. From those needing entry level skills, where digital is now an essential part of work, right through to the digital specialisms and skills highly sought after by employers today.

BCS pathways, from Level 3 upwards, qualifications and standards are aligned to the industry framework for IT Professionals, SFI**Aplus** (Skills for the Information Age). You can be confident learners will come away with rounded employability skills, digital competence and a progression route essential for personal growth and organisational success. Plus, they get to 'prove it' to employers with eligibility to appear on a recognised professional register for IT and to add industry credentials after their name.

Whether you're an educator or employer we'll help you identify next steps. You can be confident when partnering with BCS, the industry digital specialists.

BCS QUALIFICATIONS / PROFESSIONAL CERTIFICATIONS.

The BCS pathways from entry level to expert





ESSENTIAL DIGITAL SKILLS FOR WORK

ENTRY LEVEL 3

BCS ENTRY LEVEL 3 ESSENTIAL DIGITAL SKILLS FOR WORK

16-19 EFA

OFQUAL REGULATED

TQT 64 GLH 50

ADULT SKILLS:

- Programme weighting: A
- Weighted rate: £300.00
- Unweighted rate: £300.00

WHO IS THIS FOR:

Anyone with no or little digital skills for the workplace, employed or not.

LEVEL 1

BCS LEVEL 1 ESSENTIAL DIGITAL SKILLS FOR WORK

16-19 EFA

OFQUAL REGULATED

TQT 64 GLH 50

ADULT SKILLS:

- Programme weighting: A
- Weighted rate: £300.00
- Unweighted rate: £300.00

WHO IS THIS FOR:

Anyone with some digital skills.

.....
Deliver BCS Essential Digital Skills Qualifications (EDSQ) | BCS

www.bcs.org/edsq
.....

NEW TO DIGITAL -
BEGINNERS IT

DIGITAL LITERACY QUALIFICATIONS

BCS ITQs are IT qualifications made up of units in the ITQ framework. The framework of units cover all aspects of IT application including word processing, spreadsheets, the internet, multimedia software and design software. Our range of ITQs includes our global suite of ICDL qualifications.

ICDL qualification modules are individually certified, to be awarded a full qualification, the modules that make up an Award, Certificate and so on, must be fully completed. You can create bespoke packages to suit individual learners comprising of the modules below:

- IT user fundamentals
- Internet and email
- Word processing
- Spreadsheets
- Presentations
- Databases
- Online collaboration
- Improving productivity
- Project planning
- IT security

INTERMEDIATE IT

42%

OF IT LEADERS SAID THEY NEED INCREASED DIGITAL LITERACY AMONG THEIR GENERAL WORKFORCE TO ACHIEVE SUCCESS

BCS IT Leaders report 2021



ICDL ESSENTIALS HELPS US TO FULFIL OUR DIGITAL AGENDA OF HAVING A WORKFORCE TOOLED WITH THE SKILLS REQUIRED

Perth & Kinross Council

17MILLION+

ICDL PROGRAMMES DELIVERED IN 40 LANGUAGES WORLDWIDE

BCS IT User qualifications are made up from a library of 80 units across 3 levels of achievement, which are combined and available as:

UNIT TITLE	ASSESSMENT TYPE		
	Level 1	Level 2	Level 3
Audio Software	E	E	E
Bespoke Software	E	E	E
Computerised Accounting Software	E	E	E
Data Management Software	M,E	M,E	E
Database Software	M,A	M,A	M,A
Design Software	E	E	E
Desktop Publishing Software	E	E	E
Developing Personal and Team Effectiveness Using IT	N/A	E	E
Drawing & Planning Software	E	E	E
Imaging Software	E	E	E
Improving Productivity using IT	M,E,A	M,A,E	M,E
IT Communication Fundamentals	E	E	N/A
Internet Safety for IT Users	E	N/A	N/A
IT Security for Users	M,A	M,E	E
IT Software Fundamentals	E	E	M,A
IT User Fundamentals	M,A	E	N/A
Multimedia Software	E	E	E
Optimise IT System Performance	E	E	E
Personal Information Management Software	E	E	N/A
Presentation Software	M,A	M,A	M,A
Project Management Software	E	M,A	E
Set up an IT System	E	E	E
Specialist Software	E	E	E
Spreadsheet Software	M,A	M,A	M,A
Understanding the Potential of IT	N/A	E	E
Using a Computer Keyboard	E	N/A	N/A
Using Collaborative Technologies	A	E	E
Using email *	M,A	E	E
Using Mobile IT Devices	E	E	N/A
Using the Internet *	M,A	E	E
Video Software	E	E	N/A
Website Software	E	E	E
Word Processing Software	M,A	M,A	M,A

*Level 1 Using the Internet and Using email units are only offered as a combined unit with a credit value of 5

Key:

M – Manual Testing A – Automated Testing

E – Evidence Based Testing

N/A – Unit not available at this level

- flexible qualifications
- pre-packaged ‘fixed’ qualifications
- flexible ICDL based qualifications

REGULATED

These qualifications are regulated by one or more of the following: Ofqual, Qualifications Wales, CCEA Regulation or SQA

These qualifications are designed for people using technology:

- at work
- in education
- when looking for work
- in their leisure time.

Further information on the full range of (ITQ) units available here:

<https://www.bcs.org/media/1629/itq-suite-specification.pdf>



HAVING ICDL LEVEL 2 QUALIFICATION ON A CV CAN MEAN THE DIFFERENCE BETWEEN GETTING AN INTERVIEW OR NOT, ESPECIALLY IN ADMIN ROLES WITHIN THE NHS

Cheshire Learning Partnerships



LEVEL 1

BCS LEVEL 1 AWARD IN IT USER SKILLS (ICDL ESSENTIALS)

LEVEL 1

QAN 500/6226/8

OFQUAL REGULATED

TQT 92 GLH 61

LEVEL 2

BCS LEVEL 2 ICDL AWARD IN IT USER SKILLS’.

LEVEL 2

QAN 601/0634/7

16-19 EFA

OFQUAL REGULATED

ADULT SKILLS:

- Programme weighting: B
- Weighted rate: £504.00
- Unweighted rate: £450.00

Local Flexibilities **

Further information on ICDL is available here:

www.bcs.org/deliver-and-teach-qualifications/training-providers-and-adult-education-centres/deliver-our-digital-literacy-qualifications/deliver-icdl-previously-ecdl/

LEVEL 1

BCS LEVEL 1 ICDL AWARD IN IT USER SKILLS

LEVEL 1

QAN 601/0633/5

OFQUAL REGULATED

TQT 89 GLH 69

LEVEL 2

BCS LEVEL 2 ICDL CERTIFICATE IN IT USER SKILLS

LEVEL 2

QAN 601/1237/2

16-19 EFA

OFQUAL REGULATED

ADULT SKILLS:

- Programme weighting: B
- Weighted rate: £811.00
- Unweighted rate: £724.00

Local Flexibilities **

LEVEL 1

BCS LEVEL 1 ICDL CERTIFICATE IN IT USER SKILLS

LEVEL 1

QAN 601/1236/0

OFQUAL REGULATED

TQT 129 GLH 86

LEVEL 2

BCS LEVEL 2 CERTIFICATE IN IT USER SKILLS (ICDL EXTRA) (ITQ)

LEVEL 2

QAN 500/6242/6

16-19 EFA

OFQUAL REGULATED

ADULT SKILLS:

- Programme weighting: B
- Weighted rate: £811.00
- Unweighted rate: £724.00

Local Flexibilities **

LEVEL 2

BCS LEVEL 2 CERTIFICATE
IN IT USER SKILLS (ICDL
CORE)

LEVEL 2

QAN 601/8240/4

14-16 EFA

16-19 EFA until August 2022

OFQUAL REGULATED

ADULT SKILLS:

- Programme weighting: B
- Weighted rate: £811.00
- Unweighted rate: £724.00

Local Flexibilities **

LEVEL 3

BCS LEVEL 3 CERTIFICATE
IN IT USER SKILLS (ICDL
ADVANCED) (ITQ)

LEVEL 3

QAN 500/6243/8

16-19 EFA until

Advanced Learner Loans

National Skills Fund: level 3 adult offer

5 modules

Guided learning hours (GLH): 179 hours

Total qualification time (TQT): 248 hours

ADULT SKILLS:

- Programme weighting: B
- Weighted rate: £1,417.00
- Unweighted rate: £1,265.00

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www.bcs.org/deliver-and-teach-qualifications

LEVEL 3

BCS LEVEL 3 CERTIFICATE
IN IT USER SKILLS (ITQ)

LEVEL 3

QAN 500/6176/8

16-19 EFA until

Advanced Learner Loans until August 2022

Flexi Modules

EARLY CAREERS

When you partner with the professional body for IT, you join our respected digital skills community - a global network of professionals committed to sharing knowledge and good practice and influencing the digital skills agenda.

All on programme apprentices can apply for AMBCS and once they have successfully completed their EPA are eligible to apply for BCS Professional Membership (MBCS) and automatically qualify for RITTech (Register of IT Technicians).

- BCS is an approved and trusted end-point assessment organisation selected to assess 20,000 plus digital apprenticeships.
- We support apprentices not only through a best-in-class end-point assessment, but also their on-going journey to trusted professional.
- Our experienced and dedicated team of full-time subject matter expert assessors lead over 90 associate assessors.
- Our assessors take part in rigorous training, moderation, and standardisation, delivering confidence to apprentices and employers.
- Exclusive e-learning support through our partnership with Pluralsight.
- Established provider community, regular forums, updates, networking events and newsletters.

EQA Providers: Ofqual & National Skills Academy for Rail (NSAR)

ONLINE/CLASSROOM/REMOTE:

- Work based learning
- Variety of assessment methods

RECOMMENDED ENTRY REQUIREMENTS:

In some cases 5 GCSE's /or A levels/ or other relevant qualifications may be required.

Apprentices without level 2 English and maths will need to achieve this level prior to taking the end-point assessment.

All apprenticeships standards are mapped to the industry framework SFIA* Skills for the Information Age and to BCS Professional Membership and apprentices are eligible to appear on successful completion the industry approved IT register, RITTech.



**BCS DIGITAL IT
APPRENTICESHIPS**



ANALYST



CYBER SECURITY

LEVEL 3	LEVEL 3	LEVEL 4	LEVEL 7
DATA TECHNICIAN (LEVEL 3) V1.0	DATA ANALYST (LEVEL 4) V1.1	BUSINESS ANALYST (LEVEL 4) V1.1	ARTIFICIAL INTELLIGENCE (AI) DATA SPECIALIST (LEVEL 7)
LARS Code: 576	LARS Code: 80	LARS Code: 165	LARS Code: 561
ST Number: ST0795	ST Number: ST0118	ST Number: ST0117	ST Number: ST0763
Funding: £12,000	Funding: £15,000	Funding: £18,000	Funding: £17,000
Duration: 24 months	Duration: 24 months	Duration: 24 months	Duration: 24 months
BCS Membership Grade: MBCS	SFIA Level 3-4	SFIA Level 3-4	SFIA Level 4-5
BCS Membership Grade: MBCS	BCS Membership Grade: MBCS	BCS Membership Grade: MBCS	BCS Membership Grade: MBCS
Professional Register: RITTech	Professional Register: RITTech	Professional Register: RITTech	Professional Register: RITTech

LEVEL 3	LEVEL 4
CYBER SECURITY TECHNICIAN (LEVEL 3) V1.0	CYBER SECURITY TECHNOLOGIST 2021 (LEVEL 4) V1.0
LARS Code: 559	Cyber Security Technologist replaces Cyber Security Technologist V1 and Cyber Intrusion Analyst V1)
ST Number: ST0865	LARS Code: 619
Funding: £11,000	ST Number: ST1021
Duration: 18 months	Funding: £18,000
SFIA Level 2-3	Duration: 18 months
BCS Membership Grade: AMBCS	SFIA Level 3-4
Professional Register: RITTech	BCS Membership Grade: MBCS
	Professional Register: RITTech

INFORMATION

BCS will continue delivering EPA for apprentices that started and are completing on earlier versions of the standards.

If you need more information email: epateam@bcs.uk

HARDWARE, NETWORK, CLOUD AND INFRASTRUCTURE

LEVEL 3

IT SOLUTIONS TECHNICIAN
HARDWARE/SOFTWARE
(LEVEL 3) V1.0

LARS Code: 413
ST Number: ST0505
Funding: £13,000
Duration: 18 months
BCS Membership Grade: AMBCS
Professional Register: RITTech

LEVEL 4

NETWORK ENGINEER
(LEVEL 4) V1.2

LARS Code: 1
ST Number: ST0127
Funding: £18,000
Duration: 24 months
BCS Membership Grade: MBCS
Professional Register: RITTech

LEVEL 3

DIGITAL SUPPORT
TECHNICIAN (LEVEL 3)
V1.0

LARS Code: 439
ST Number: ST0120
Funding: £13,000
Duration: 15 months
BCS Membership Grade: AMBCS
Professional Register: RITTech

LEVEL 3

INFORMATION
COMMUNICATIONS
TECHNICIAN (LEVEL 3)
V1.0

Information Communications
Technician (Level 3) V1.0 replaces
V1.0 Level 3 Infrastructure
Technician
LARS Code: 82
ST Number: ST0973
Funding: £15,000
Duration: 18 months
BCS Membership Grade: AMBCS
Professional Register: RITTech

SOFTWARE DEVELOPMENT

LEVEL 3

SOFTWARE
DEVELOPMENT
TECHNICIAN
(LEVEL 3) V1.1

LARS Code: 154
ST Number: ST0128
Funding: TBC
Duration: 18 months
SFIA Level 2-3
BCS Membership Grade:
AMBCS
Professional Register:
RITTech

LEVEL 4

DEVOPS ENGINEER
(LEVEL 4) V1.0

LARS Code: 438
ST Number: ST0825
Funding: £17,000
Duration: 24 months
SFIA 3-4
BCS Membership Grade:
AMBCS
Professional Register:
RITTech

LEVEL 4

SOFTWARE
DEVELOPER
(LEVEL 4) V1.1

LARS Code: 2
ST Number: ST0116
Funding: £18,000
Duration: 24 months
SFIA 3-4
BCS Membership Grade:
AMBCS
Professional Register:
RITTech

LEVEL 4

SOFTWARE
TESTER (LEVEL 4)
V1.1

LARS Code: 91
ST Number: ST0129
Funding: TBC
Duration: 24 months
SFIA 3-4
BCS Membership Grade:
MBCS
Professional Register:
RITTech



DIGITAL MARKETER

LEVEL 3

DIGITAL MARKETER (LEVEL 3) V1.1

LARS Code: 78
ST Number: ST0122
Funding: £12,000
Duration: 18 months
SFIA Level 2-3
BCS Membership Grade: AMBCS
Professional Register: RITTech

LEVEL 4

DIGITAL COMMUNITY MANAGER (LEVEL 4) V1.0

LARS Code: 491
ST Number: ST0345
Funding: £13,000
Duration: 24 months
SFIA 3-4
BCS Membership Grade: MBCS
Professional Register: RITTech



IT SALES

LEVEL 3

IT TECHNICAL SALESPERSON (LEVEL 3) V1.0

LARS Code: 142
ST Number: ST0115
Funding: £12,000
Duration: 12 months
SFIA Level 2-3
BCS Membership Grade: AMBCS
Professional Register: RITTech

NEW SUPPORT FOR PROVIDERS OF DIGITAL T LEVELS

BCS has launched a new programme to support providers of Digital T- Levels and to help student’s progress to achieve professional recognition to help set them apart from their peers.

Our package includes resources and industry insight materials for providers and students, and will help them progress towards gaining their professional RITTech registration where your students are eligible

to appear on a professional register, which carries post nominal letters after their name, giving them industry credentials, whilst giving employers the confidence your learners have proven IT competence and are benchmarked against industry standards set for the profession.

www.bcs.org/deliver-and-teach-qualifications/teachers-schools-and-colleges/new-support-for-providers-of-digital-t-levels/

HIGHER DIGITAL APPRENTICESHIPS (LEVEL 7)

LEVEL 7

LEVEL 7 ARTIFICIAL INTELLIGENCE (AI) DATA SPECIALIST

Key information maximum funding: £17,000 timescales (typically):

On Programme: 24 months (12 months minimum) end-point assessment.

(EPA): 6 months (maximum)

www.bcs.org/apprenticeships



**CAREER DEVELOPMENT
- ADVANCED**

DEVELOP INDUSTRY EXPERTS FOR THE WORKPLACE

Our range of regulated and unregulated qualifications/certifications are proven and recognised by employers to deliver the digital expertise today. From Ofqual Level 3 upwards our qualifications are mapped into Professional Membership and industry benchmarked, successful candidates are eligible to appear on the professional register RITTech.

67%
OF IT LEADERS WANT TO ENHANCE IT CAPABILITY AND SKILLS IN THEIR EXISTING WORKFORCE*

*BCS IT Leaders report 2021

LEVEL 3

BCS LEVEL 3 CERTIFICATE IN IT USER SKILLS (ICDL ADVANCED) (ITQ)

REGULATED

QAN 500/6243/8

5 modules

Guided learning hours (GLH): 179 hours

Total qualification time (TQT): 248 hours

UCAS points: 24

ADULT SKILLS:

- Programme weighting: B
- Weighted rate: £1,417.00
- Unweighted rate: £1,265.00

www.bcs.org/deliver-and-teach-qualifications

EMPLOYERS STATE IN BCS RESEARCH THEIR WORKFORCE DOES NOT HAVE THE DIGITAL LITERACY SKILLS NEEDED TO SUCCEED

LEVEL 3

BCS LEVEL 3 CERTIFICATE IN IT USER SKILLS (ITQ)

REGULATED

QAN 500/6176/8

Flexi Modules

BCS Membership Grade: AMBCS

16-19 EFA

Advanced Learner Loans until August 2022

Whether a learner is looking for a new job or taking a step up in their place of work to become a departmental expert in Office applications, adding a level 3 digital qualification will boost their progression.

The BCS Level 3 Certificate in IT (ICDL) comes under the UK Government Lifetime Skills Guarantee – eligible learners can now get qualified for FREE in work or not. Units can be taken and certified individually giving flexibility where someone might want to gain expertise in just one or two Office applications.

DIGITAL MODULAR PROGRAMME

The Digital Core Module provides employees and prospective employees with the basic concepts and understanding for Cyber Security, Networks, Data, Programming, Systems and Applications – all of which are ubiquitous within every business and across every digital role.

- Ofqual regulated
- One year of BCS Early Career Membership included
- Can be delivered as a blended programme
- Online multiple-choice and scenario-based Knowledge Test

- Automated results
- No marking
- Synoptic Project – written assessment
- Delivered as a stand-alone qualification or as part of an apprenticeship
- Teaching / learning resources
- Aligned to the skills framework SFI^{plus}, the industry defined and recognised benchmark for IT

LEVEL 3

DIGITAL CORE LEVEL 3 (MANDATORY) - COMING SOON

LEVEL 4

DIGITAL CORE LEVEL 4 (MANDATORY)

BCS LEVEL 4 DIPLOMA - DIGITAL MODULAR PROGRAMME FOR DATA ANALYSTS

QAN 603/7752/5

BCS LEVEL 4 DIPLOMA DIGITAL MODULAR PROGRAMME IN SOFTWARE DEVELOPMENT

QAN 603/7899/2

Key Information:

Two modules will need to be completed for a certificate.

Each module will have its own guided learning hours and total qualification time.

The Digital Core will take an estimated 87 hours in total to complete.

Individual modules will vary between 320 – 450 hours depending on the subject matter to be covered as part of the specialism.

Assessment Method: Digital exam and synoptic project.

(NOTE: The project is not required if undertaking the DMP as part of an Apprenticeship which includes End Point Assessment)

www.bcs.org/dmp

BCS HIGHER EDUCATION QUALIFICATIONS

BCS Higher Education Qualifications (HEQ) are aligned to professional standards and mapped to the IT industry framework SFIA^{plus}*, examined at degree level, and accredited by the UK regulator Ofqual.

HEQ will give learners a head-start to becoming a recognised IT Professional and a pathway towards Chartered status –raising the global ethical standards of practise within the IT profession.

Not only has this qualification programme provided many young people an entry route into a career in IT, but it has also complemented degrees studied around the globe and gives access onto higher education such as a top-up-degree or Masters.

This is a flexible qualification suitable for those who are looking to return to work, or to gain professional credentials and professional membership of their industry body to support career progression, especially for those who may not gone through a formal route of education and are currently working in IT.



LEVEL 4

BCS LEVEL 4 CERTIFICATE IN IT

QAN: 100/6181/2

Three core modules – comparable to the first year of a degree

- [Information systems](#)
- [Software development](#)
- [Computer and network technology](#)

Recommended course study duration: 200 hours per module

The total qualification time (TQT) for this course is 734 hours.

Assessment: Written examination

Our qualification guide provides more information

www.bcs.org/heq

NO FORMAL ENTRY CRITERIA

Recommended for someone currently working in IT (without formal qualification) or is studying/has studied at a suitable level of education.

You need to be 16 years of age and over to take a HEQ qualification.

LEVEL 5

BCS LEVEL 5 DIPLOMA IN IT

QAN: 100/6190/3

A core module and three selected modules.

For learners who are not progressing onto the Level 6, they will be required to take a 5000-word project as part of the Diploma in IT qualification.

Core module

- [Professional issues in IS practice syllabus](#)

Selected modules (choose three)

- [Big data management syllabus](#)
- [Computer networks syllabus](#)
- [Database systems syllabus](#)
- [IT project management syllabus](#)
- [Object oriented programming systems syllabus](#)
- [Principles of Internet technologies syllabus](#)
- [Smart systems syllabus](#)
- [Software engineering \(part 1\) syllabus](#)
- [Systems analysis and design syllabus](#)
- [User experience syllabus](#)
- [Web application development syllabus](#)

Our [qualification guide](#) provides further information

Recommended course study duration: 225 hours of study for each module.

The total qualification time (TQT) for this course is 1086 hours.

An additional 200 hours of study will be required if your learner needs to complete a professional project in IT.

Assessment: Written examination

ENTRY CRITERIA:

You need to have passed, or been made exempt from, the BCS Certificate in IT

LEVEL 6

BCS LEVEL 6 PROFESSIONAL GRADUATE DIPLOMA IN IT

QAN: 100/6191/5)

Credits: 141

Our [qualification guide](#) provides more information

Four selected modules and a 10,000 word Professional IT Project

- [Advanced database management systems syllabus](#)
- [Management information systems syllabus](#)
- [Software engineering \(part 2\) syllabus](#)
- [Computer services management syllabus](#)
- [Network information systems syllabus](#)
- [Programming paradigms syllabus](#)
- [System design methods syllabus](#)
- [Web engineering syllabus](#)
- [IT and the environment syllabus](#)

Recommended course duration: 250 hours per module

The total qualification time (TQT) for this course is 1414

300 additional recommended hours to complete the professional project.

Assessment: written examination

Entry requirement: Passed or made exempt from the BCS Certificate in IT and the BCS Diploma in IT.

BCS Higher Education Examinations are sat twice yearly.

BCS Professional Certifications have been developed for industry by industry for over 25 years and are delivered globally. Our certifications are aligned to the industry IT framework SFIPlus* and provide an industry recognised pathway that supports applications for Chartered registered professional (CITP) – the pinnacle of IT professionalism.

Our aim is to support technological advancements and the people who deliver them, with the required knowledge, skills and behaviours essential in every type of organisation and industry.

To support industry skills, our portfolio is ever evolving and consists of over 95 certifications in 5 core subject areas:

- Cyber
- Data
- Artificial Intelligence (AI)
- Business Analysis
- Software Testing,

BCS professional certifications also enhance Higher Education programmes, giving under-graduates recognised industry credentials, whilst enhancing their employment prospects, and will also support those who are working or studying in early careers, such as a digital apprenticeship, or a career-changer. We have pathways for those who are already established and working in digital roles today.

Our advanced certification, including some of our new modular Awards have been designed specifically for business leaders, to keep their knowledge, leadership skills and competence attuned to the rapid digital changes we are now seeing in every business, helping them successfully lead teams and/or deliver digital transformation within their own organisations.

<http://www.bcs.org/certification>

5 CORE SUBJECTS

CYBER, DATA, AI,
BUSINESS ANALYSIS,
SOFTWARE TESTING

95+

CERTIFICATIONS IN 5
CORE SUBJECTS

"I CHOOSE TO CERTIFY
WITH BCS BECAUSE
OF THEIR REPUTATION
AND STANDING WITHIN
THE PROFESSIONAL
COMMUNITY."

William Davies
Senior Technical Security Architect

INDUSTRY PROFESSIONAL CERTIFICATION



AGILE

This comprehensive Agile certification programme provides a complete Agile learning pathway. It sets an industry benchmark that supports Agile transformation to deliver value across your organisation straight away.

FOUNDATION

BCS FOUNDATION CERTIFICATE IN AGILE

WHO IS IT FOR

- Business & IT professionals
- Open to all

BCS EXIN FOUNDATION CERTIFICATE IN AGILE SCRUM

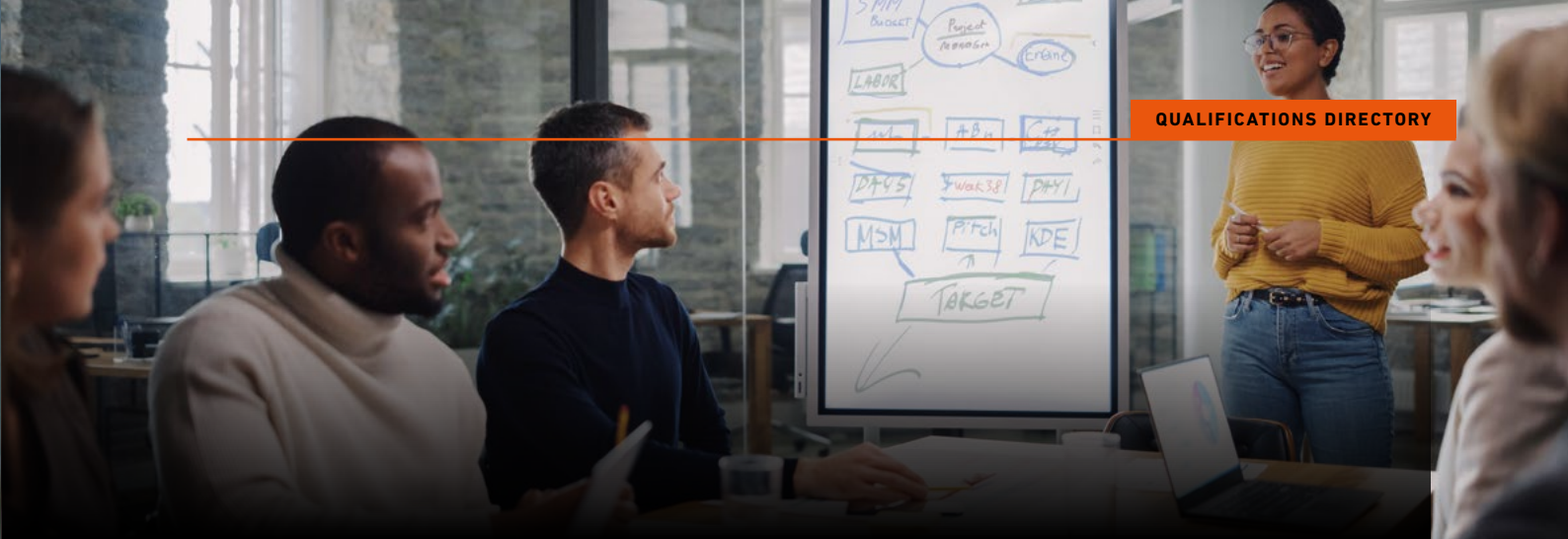
WHO IS IT FOR

- Project Managers
- IT Service Managers
- Business Managers
- Product Managers
- Software Developers

CERTIFICATES key information

INDUSTRY LEVEL
SFI*Aplus* Level 3

ENTRY REQUIREMENTS
No formal entry requirements



PRACTITIONER

BCS EXIN PRACTITIONER CERTIFICATE IN AGILE SCRUM MASTER

ENTRY REQUIREMENTS
BCS EXIN Foundation Certificate in Agile Scrum recommended.

WHO IS IT FOR

- Scrum Master
- Product Owner
- Internal Coach
- Leaders
- Directors
- Architect
- Developers
- QA
- Tester
- UI or UX Designer

BCS EXIN PRACTITIONER CERTIFICATE IN AGILE SCRUM PRODUCT OWNER

ENTRY REQUIREMENTS
Candidates are required to complete the BCS EXIN Foundation Certificate in Agile Scrum.

WHO IS IT FOR

- Project Manager
- Developers
- Product Managers
- IT Service Managers
- Business Managers

BCS EXIN PRACTITIONER CERTIFICATE IN AGILE SCRUM PRODUCT OWNER (BRIDGE)

ENTRY REQUIREMENTS
Candidates are required to already hold the BCS EXIN Agile Scrum Master Certificate, or Advanced Certified ScrumMaster™ (A-CSM).

WHO IS IT FOR

- Project Manager
- Developers
- Product Managers
- IT Service Managers
- Business Managers

CERTIFICATES key information

INDUSTRY LEVEL
SFI*Aplus* Level 4

ARTIFICIAL INTELLIGENCE FOUNDATION PATHWAY

This highly accessible learning pathway supports candidates looking to work in the field of artificial intelligence, as well as other IT and business professionals who need to understand how AI affects their role and organisation.

BITE-SIZED LEARNING

12 AWARDS SET WITHIN FOUR KEY AREAS OF AI:

- Business Innovation
- Data
- Ethics
- Machine learning and other techniques

Each award is certified and carries between 3 and 5 credits

Credits are built towards:

BCS Foundation Certificate in AI (20 credits)

BCS Foundation Diploma in AI (36 credits)

The pathway is also aligned with the Artificial Intelligence (AI Data Specialist Apprenticeship at level 7)

Candidates learn how data enables AI to perform, how it's cleaned, structured and stored - and specifically focusing on machine learning how to use data in the right way, work with security protocols and tackle issues

Artificial Intelligence Foundation Pathway | BCS

You might be also interested in:

[BCS Essentials Certificate in Artificial Intelligence | BCS](#)

[BCS Foundation Certificate in Artificial Intelligence | BCS](#)

£630 BILLION

TO BE ADDED TO THE UK ECONOMY
FROM AI BY 2035

92%

RESPONDENTS STATED SKILLS
QUALIFICATIONS IN THEIR AREA ARE
IMPORTANT TO THEM PERSONALLY*

*BCS Professional Certifications Market
Research 2021

BUSINESS INNOVATION

Explore different types of organisations and their uses of AI, the challenges and opportunities they might face, and whether AI can offer the right solutions.

FOUNDATION

BCS FOUNDATION AWARD – HOW AI CAN SUPPORT YOUR ORGANISATION

CREDITS
5

WHO IS IT FOR

- Individuals
- AI roles
- Digital Leaders Professionals looking to future-proof their business and careers

BCS FOUNDATION AWARD – HOW TO MANAGE RISK

CREDITS
4

WHO IS IT FOR

- Anyone who implements digital technology

BCS FOUNDATION AWARD – UNDERSTANDING THE PROBLEM AND IMPLEMENTING THE SOLUTION

CREDITS
4

WHO IS IT FOR

- Digital leaders/professionals who need new solutions

CERTIFICATES

key information

ENTRY REQUIREMENTS

No formal entry requirements

DATA

Candidates learn how data enables AI to perform, how it's cleaned, structured and stored - and specifically focusing on machine learning how to use data in the right way, work with security protocols and tackle issues around ethics.

FOUNDATION

BCS FOUNDATION AWARD – UNDERSTANDING DATA IN YOUR ORGANISATION

CREDITS
5

WHO IS IT FOR

- Anyone in a data role
- Professionals working in AI/ machine learning
- Anyone wanting to understand dependence on data and machine learning

BCS FOUNDATION AWARD – BIG DATA

CREDITS
4

WHO IS IT FOR

- Anyone in an analytical/ research role
- Digital pro-gressors
- Professionals – science, engineering, finance, education or IT services
- Any interest-ed in Big Data

BCS FOUNDATION AWARD – DATA VISUALISATION

CREDITS
3

WHO IS IT FOR

- Anyone in research /analytical roles
- Digital professionals looking to understand the relationship between data and decision making

CERTIFICATES

key information

ENTRY REQUIREMENTS

No formal entry requirements

ETHICS

AI's ability to learn, replicate and predict means it will have a considerable impact on society and our environment if we don't approach it ethically, sustainably and with clear governance. This set of awards explores the impact of decision-making and is vital learning for any forward-thinking IT professional.

FOUNDATION

BCS FOUNDATION AWARD - UNDERSTANDING ETHICAL PRINCIPLES IN THE IT PROFESSION

CREDITS
5

WHO IS IT FOR

- All IT Professionals
- Business leaders who need clear sight of how ethics impacts their work
- Consumers

BCS FOUNDATION AWARD - UNDERSTANDING THE ROLE OF ETHICS IN THE RESPONSIBLE USE OF AI

CREDITS
5

WHO IS IT FOR

- All IT Professionals
- Business leaders who need clear sight of how ethics impacts their work
- Consumers

CERTIFICATES

key information

ENTRY REQUIREMENTS

No formal entry requirements

MACHINE LEARNING AND OTHER IT TECHNIQUES

Big data, patterns, smart products, robotics, automation, knowledge-based systems and more - a firm understanding of these aspects, their role and how they affect business, products and services is crucial. Candidates learn which techniques are required to help businesses make the right decisions, and how they need to be implemented to be successful.

FOUNDATION

BCS FOUNDATION AWARD - AI AND THE DIGITAL ECO SYSTEM

CREDITS
5

- WHO IS IT FOR**
- Those responsible for business transformation
 - IT Practitioners transitioning into AI/ Machine learning
 - Anyone who wants to understand AI and it societal impact

BCS FOUNDATION AWARD - KNOWLEDGE BASED SYSTEMS

CREDITS
5

- WHO IS IT FOR**
- Professionals who need to build technical AI knowledge
 - Career progressors in AI
 - Individuals with a background in science, education, engineering, finance or IT services

BCS FOUNDATION AWARD - SMART PRODUCTS, ROBOTICS AND AUTOMATION

CREDITS
3

- WHO IS IT FOR**
- Digital professionals looking to build their technical knowledge
 - Career progressors in AI
 - Individuals interested in AI with a background in science, education, engineering, finance or IT services

BCS FOUNDATION AWARD - MACHINE LEARNING

CREDITS
4

- WHO IS IT FOR**
- Anyone looking to build their AI technical understanding
 - Career progressors in AI
 - Individuals interested in AI with a background in science, education, engineering, finance or IT services

CERTIFICATES key information

ENTRY REQUIREMENTS
No formal entry requirements

BUSINESS ANALYSIS

Attain a leading business analysis certification and demonstrate that you've met the high standards set by BCS, The Chartered Institute for IT. Over 100,000 professionals worldwide are certified with BCS.

FOUNDATION

BUSINESS ANALYSIS FOUNDATION

WHO IS IT FOR

- Business analysts
- Business managers and members of their team, Business change managers Project managers

BUSINESS CHANGE

WHO IS IT FOR

- Business analysts
- Business managers and members of their team, Business change managers Project managers

ORGANISATIONAL BEHAVIOUR

WHO IS IT FOR

- Business analysts Subject Matter Experts Project managers, Business managers, Product owner

74%

INDICATED THAT THEIR ORGANISATION WOULD PAY FOR THEIR CERTIFICATION

CERTIFICATES key information

INDUSTRY LEVEL
SFI^{plus} Level 3

ENTRY REQUIREMENTS
No formal entry requirements



PRACTITIONER

BUSINESS ANALYSIS PRACTICE

WHO IS IT FOR

- Business analysts
- Business managers & team
- Business change managers
- Project managers

DATA MANAGEMENT ESSENTIALS

WHO IS IT FOR

- Business analysts
- Business managers & team
- Business change managers
- Project managers

BENEFITS MANAGEMENT AND BUSINESS ACCEPTANCE

WHO IS IT FOR

- Business analysts
- Business managers & team
- Business change managers
- Project managers

REQUIREMENTS ENGINEERING

WHO IS IT FOR

- Business analysts
- Project managers
- System analysts
- Product owners
- Product managers

MODELLING BUSINESS PROCESSES

WHO IS IT FOR

- Business analysts
- Business managers & team
- Business change managers
- Project managers

CERTIFICATES

key information

INDUSTRY LEVEL

SFI*Aplus* Level 4

ENTRY REQUIREMENTS

No formal entry requirements

INTERNATIONAL DIPLOMA

INTERNATIONAL DIPLOMA IN BUSINESS ANALYSIS

Available once 4 modules have been completed and 1 oral examination

2 Core Modules: Business Analysis Practice/ Requirements Engineering

Select one of the Foundation modules:

Select one of the Practitioner modules:

Can be used to support a Business Analyst Apprenticeship.

[International Diploma in Business Analysis | Certifications | BCS Certifications](#)



PROFESSIONAL

ADVANCED REQUIREMENTS ENGINEERING

WHO IS IT FOR

- Business architects Business analysts
- Project managers Business managers & team

AGILE BUSINESS ANALYSIS

WHO IS IT FOR

- Business architects Business analysts
- Project managers Business managers & team

BUSINESS ARCHITECTURE

WHO IS IT FOR

- Business architects Business analysts Project managers
- Business change managers Business managers & team

BUSINESS FINANCE

WHO IS IT FOR

- Business architects Business analysts Project managers

DATA ANALYSIS

WHO IS IT FOR

- Business analysts
- Systems Analysts
- Technical or solutions architects

TEAM LEADERSHIP

WHO IS IT FOR

- Business analysts
- Project managers
- Product Managers
- Business managers

BENEFITS PLANNING AND REALISATION

WHO IS IT FOR

- Business architects Business analysts
- Project managers Business managers & team

STAKEHOLDER ENGAGEMENT

WHO IS IT FOR

- Anyone responsible for engaging in or managing stakeholder relationships in a business change environment

CERTIFICATES
key information

INDUSTRY LEVEL
SFIA*plus* Level 5

ENTRY REQUIREMENTS
No formal entry requirements

CONSULTANT

ADVANCED INTERNATIONAL DIPLOMA IN BUSINESS ANALYSIS

INDUSTRY LEVEL

SFIA*plus* Level 6

ENTRY REQUIREMENTS

- BCS International Diploma in Business Analysis
- BCS Professional level BA certificates in each of the analytical, business and people skills specialisms
- Additional BCS Professional level BA certificate in either the analytical or business skills specialism
- At least five years' BA experience

WHO IS IT FOR

- Experienced senior business analysts

EXPERT BA AWARD

EXPERT BA AWARD

INDUSTRY LEVEL

SFIA*plus* Level 7

ENTRY REQUIREMENTS

- Prerequisite certification and proven core and specialist BA skills

WHO IS IT FOR

- Senior business analysts

DEVOPS

Get your DevOps journey off to the best start by understanding the fundamental DevOps values, methods and techniques.

The BCS Foundation Level Certificate in DevOps provides framework-agnostic training, with core DevOps values at the heart of every discussion, supported by practical examples bringing the values to life.

FOUNDATION

BCS FOUNDATION LEVEL CERTIFICATE IN DEVOPS

INDUSTRY LEVEL

SFI*Aplus* Level 1-3

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Automation architect
- Cloud infrastructure engineer
- Software developer
- Software tester
- Security engineer
- Database administrator
- Product owner

GDPR AND DATA PROTECTION

Build your knowledge of how GDPR and Data Protection will affect your business, helping you to ensure your organisation will be compliant.

FOUNDATION

BCS FOUNDATION CERTIFICATE IN DATA PROTECTION

INDUSTRY LEVEL

SFI*Aplus* Level 1-2

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone who needs to understand data protection and GDPR

PRACTITIONER

BCS PRACTITIONER CERTIFICATE IN DATA PROTECTION

INDUSTRY LEVEL

SFI*Aplus* Level 3-4

ENTRY REQUIREMENTS

- BCS Foundation Certificate in Data Protection, though this is not mandatory

WHO IS IT FOR

- Anyone with responsibility for Data Protection

INFORMATION SECURITY AND CPP SCHEME

Aligned to the ISO/IEC 27000 series and BS 25999 standards, IT professionals can start with our broad-based foundation course and progress to more subject focused practitioner certifications

ESSENTIALS

BCS EXIN ESSENTIALS CERTIFICATE IN BLOCKCHAIN

INDUSTRY LEVEL

SFIAPLUS Level 2

WHO IS IT FOR

- Anyone who wants to understand Blockchain

FOUNDATION

BCS FOUNDATION CERTIFICATE IN INFORMATION SECURITY MANAGEMENT PRINCIPLES

INDUSTRY LEVEL

SFIAPLUS Level 3

WHO IS IT FOR

- Anyone with an interest in information security

BCS EXIN FOUNDATION CERTIFICATE IN BLOCKCHAIN

INDUSTRY LEVEL

SFIAPLUS Level 3

WHO IS IT FOR

- Anyone who wants to understand blockchain

CERTIFICATES

key information

ENTRY REQUIREMENTS

No formal entry requirements

PRACTITIONER

BCS PRACTITIONER CERTIFICATE IN FREEDOM OF INFORMATION

ENTRY REQUIREMENTS

- Some knowledge of the FOI law and applying this in a work context would be beneficial

WHO IS IT FOR

- Information managers or Freedom of Information (FOI) practitioners

BCS PRACTITIONER CERTIFICATE IN INFORMATION RISK MANAGEMENT

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone who is involved in the areas of information security and information assurance

BCS PRACTITIONER CERTIFICATE IN INFORMATION ASSURANCE ARCHITECTURE

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Security professionals or anyone looking to work in the field of security architecture

CERTIFICATES

key information

INDUSTRY LEVEL

SFIAPLUS Level 4-5

INFORMATION ASSURANCE CERTIFICATION

NCSC CERTIFIED CYBER PROFESSIONAL CCP ASSURED SERVICE

The National Cyber Security Centre (NCSC) recognition sets the professional standards for cyber practitioners in the UK, supporting the development of a robust and respected cyber security profession.

61%

OF ORGANISATIONS ARE PRIORITISING CYBER SECURITY
TECHNOLOGIES IN THE NEXT YEAR*

*BCS Professional Certifications Report 2021

View the Professional Certifications Report 2021

www.bcs.org/media/7058/profcerts-report-2021.pdf



PROJECT & PROGRAMME MANAGEMENT

Understand the principles of project management and techniques to support industry good practice complementary to PRINCE2®.

FOUNDATION

BCS FOUNDATION CERTIFICATE IN IS PROJECT MANAGEMENT

INDUSTRY LEVEL

SFI*Aplus* Level 3

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone involved in or affected by IT projects; this extends to users, buyers and directors.

SOFTWARE TESTING

The ISTQB Certified Tester Foundation Level delivers a core understanding of software testing and is required to progress to the advanced level papers, while the specialised certificates allow you to begin focusing your learning at foundation level.

FOUNDATION

ISTQB® CERTIFIED TESTER FOUNDATION LEVEL - AGILE TESTER EXTENSION

ENTRY REQUIREMENTS

- Candidates must hold the ISTQB® Certified Tester Foundation Level in Software Testing certificate before taking this Agile Tester Extension

WHO IS IT FOR

- Anyone involved in software testing in an agile testing team
- Suitable for testers, test analysts, test engineers, test consultants, test managers, user acceptance testers and software developers
- It is also suitable for people wanting a basic understanding of agile software testing such as project managers, business analysts, product managers and IT directors
- Anyone involved in software testing or usability engineering

ISTQB® CERTIFIED TESTER FOUNDATION LEVEL - PERFORMANCE TESTING*

WHO IS IT FOR

- Anyone involved in software testing or performance engineering

ISTQB® CERTIFIED TESTER FOUNDATION LEVEL ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone involved in software testing, it will also be of interest to project managers, quality managers, business analysts and IT directors or management consultants.

CERTIFICATES

key information

INDUSTRY LEVEL
SFI*Aplus* Level 3

ENTRY REQUIREMENTS

- The ISTQB® Foundation Level certificate must be obtained*

ISTQB® CERTIFIED TESTER FOUNDATION LEVEL - ACCEPTANCE TESTING*

WHO IS IT FOR

- Product owners Business analysts
- Testers
- Test analysts
- Test engineers
- Test consultants
- Test managers
- User acceptance testers
- Software developers

ISTQB® CERTIFIED TESTER FOUNDATION LEVEL - MOBILE APPLICATION TESTING*

WHO IS IT FOR

- Anyone who is working with or wishes to start a specialist career in Mobile Application Testing.

ISQTB® CERTIFIED TESTER FOUNDATION LEVEL - USABILITY TESTING*

WHO IS IT FOR

- Anyone involved in software testing or usability engineering.

SOLUTION DEVELOPMENT AND ARCHITECTURE

PROFESSIONAL

Take a practical approach to developing your core software testing skills - including testing types, management and analysis.

BCS PROFESSIONAL CERTIFICATE - SOFTWARE TESTER

INDUSTRY LEVEL

SFI*Aplus* Level 4

ENTRY REQUIREMENTS

- No formal entry requirements - holding the ISTQB Certified Tester Foundation level and accredited training is strongly recommended

WHO IS IT FOR

- Anyone involved in any aspect of software testing or who is looking for a more practical approach to core software testing knowledge

HIGHER

ISTQB® CERTIFIED TESTER ADVANCED LEVEL - TEST MANAGER

ISTQB® CERTIFIED TESTER ADVANCED LEVEL - TEST ANALYST

ISTQB® CERTIFIED TESTER ADVANCED LEVEL - TECHNICAL TEST ANALYST

ISTQB® CERTIFIED TESTER ADVANCED LEVEL - TEST AUTOMATION ENGINEER

CERTIFICATES

key information

INDUSTRY LEVEL

SFI*Aplus* Level 3

ENTRY REQUIREMENTS

- Completion of the ISTQB Certified Tester Foundation level and a minimum of three years testing experience is recommended/or progression from the Professional Certificate

WHO IS IT FOR

- Anyone working in software testing at an advanced level

With a modular approach, our certifications structure supports your career progression with an international benchmark of skills and experience.

FOUNDATION

BCS FOUNDATION CERTIFICATE IN DIGITAL SOLUTION DEVELOPMENT

INDUSTRY LEVEL

SFI*Aplus* Level 3

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone involved in or affected by the development of IS / IT systems

INTERMEDIATE

BCS INTERMEDIATE CERTIFICATE IN ENTERPRISE AND SOLUTIONS ARCHITECTURE

INDUSTRY LEVEL

SFI*Aplus* Level 4

ENTRY REQUIREMENTS

- Three or more years' experience of IS / IT work is recommended

WHO IS IT FOR

- Anyone who is involved in any aspect of enterprise and solution architecture



PRACTITIONER

BCS PRACTITIONER CERTIFICATE IN ENTERPRISE AND SOLUTIONS ARCHITECTURE

ENTRY REQUIREMENTS

- Obtained BCS Intermediate level certificate or have studied the syllabus and reference model, and have either TOGAF 8 or TOGAF 9 level 2 certificate
- Candidates should also have six or more years' experience of IS / IT work

WHO IS IT FOR

- Anyone who is involved in any aspect of enterprise and solution architecture

BCS PRACTITIONER CERTIFICATE IN SYSTEMS DESIGN TECHNIQUES

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone who is involved in any aspect of systems design

BCS PRACTITIONER CERTIFICATE IN SYSTEMS MODELLING TECHNIQUES

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone who is involved in any aspect of systems modelling

BCS PRACTITIONER CERTIFICATE IN INTEGRATING OFF-THE-SHELF SOFTWARE SOLUTIONS

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone who is involved in any aspect of software solutions

BCS PRACTITIONER CERTIFICATE IN SYSTEMS DEVELOPMENT ESSENTIALS

ENTRY REQUIREMENTS

- No formal entry requirements

WHO IS IT FOR

- Anyone who is involved in any aspect of systems development.

HIGHER

BCS INTERNATIONAL DIPLOMA IN SOLUTION DEVELOPMENT

INDUSTRY LEVEL

SFI*Aplus* Level 5

ENTRY REQUIREMENTS

To be eligible for the oral examination, four modules are required to be passed:

- two core modules
- one knowledge-based specialist module
- one practitioner specialist module

WHO IS IT FOR

- Practising solution developers and professionals from related disciplines

CERTIFICATES

key information

INDUSTRY LEVEL

SFI*Aplus* Level 3-4

USER EXPERIENCE (UX)

Designed to ensure candidates have suitable knowledge of the core concepts of user experience and are aware of the most common tools, techniques and methods used in the field.

FOUNDATION

BCS FOUNDATION CERTIFICATE IN USER EXPERIENCE (UX)

INDUSTRY LEVEL

SFIAPlus Level 3.

ENTRY REQUIREMENTS

- No formal entry requirements.

WHO IS IT FOR

- Anyone involved in the design and evaluation of user interfaces (interface designers, usability engineers, requirement engineers, product managers).

For further information

www.bcs.org/deliver-and-teach-qualifications

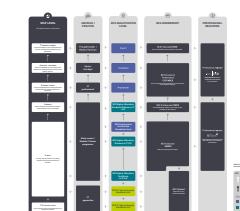
BCS professional certification research 2021

www.bcs.org/media/7058/profcerts-report-2021.pdf

LEARNER TO CHARTERED – WHAT IT MEANS IN INDUSTRY

BCS' PATHWAY TO CHARTERED PROFESSIONAL AND BEYOND

Take a closer look at the qualification/certification pathways aligned to SFIAPlus* the industry benchmark for IT and the BCS Professional registers individuals will be eligible to apply to appear on (RITech and Chartered CITP registers) as they progress through their career.



View the pathway

interact.bcs.org/pdfs/pathway.pdf

GET IN TOUCH

If you are interested in any of our products, please complete the online form and a BCS representative will be in contact to discuss your individual requirements.

BECOME ACCREDITED

Accreditation support

Partnering with us is easy, we have a simple on-boarding process and we're on hand to support you throughout the accreditation process and beyond.

If you would like to talk to us about accreditation or extending your portfolio with BCS, complete the online form and we will be in touch.

CALL US

Speak to us directly Monday to Friday, 08:30 - 17:15 UK time.

Call customer service for general enquires:
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Call our sales team: +44 1793 417445

Email: sales@bcs.uk

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