



## Degree Apprenticeships

# Level 6 Digital and Technology Solutions Professional Degree Apprenticeship

## BSc (Hons) Digital and Technology Solutions

**Programme Cost:** £27,000.

**Duration:** 3 Years + EPA.

Our Digital and Technology Solutions Professional Degree Apprenticeship is designed for aspiring technology solutions professionals and is an incredible opportunity for those looking to develop and improve products, services, and productivity through the implementation of technology solutions. This programme gives employers an opportunity to shape the development of their employees, whether upskilling existing staff or attracting new talent. Five IT specialisms are available to allow apprentices' learning to be tailored to meet the specific and future business needs of the employer.

The collaborative nature of this programme between the University of Exeter and employers, allow the apprentices to apply their theoretical knowledge and implement practical work-based learning. Our programme is distinctive in the way it minimises disruption to the workplace through the blended delivery of residential weeks and online learning.

### Why Exeter?

- A prestigious BSc from a Russell Group University.
- A blended delivery model consisting of around 22 days of on campus teaching across the programme combined with online learning components.
- Ability to tailor apprentices learning through choice of specialism modules.
- We have been delivering this programme since 2016 and it is being relaunched for 2026.

We already have accreditation from the BCS - Chartered Institute for IT for established Computer Science programmes, including the original version of this programme. We intend to seek accreditation from the BCS for this revised programme, but it is not guaranteed.

### Topics covered

- Programming and Software Development.
- Networks and Computer Security.
- Database Theory and Design.
- Artificial Intelligence and Applications.
- Discrete and Computational Maths.
- Social and Professional Issues of the Information Age.

#### Specialisms:

- Software Engineering.
- Data Analysis.
- Business Analysis.
- IT Consulting.
- Cyber Security.

### Qualifications available

- Level 6 Digital and Technology Solutions (Professional) Degree Apprenticeship.
- BSc (Hons) Digital and Technology Solutions.

### Entry requirements\*

Applicants must have a minimum of two years' experience in the design and implementation of IT systems, data analysis, or system security and support.

Alternatively applicants must have BBB at A-Level or equivalent. (Applicants with a relevant Level 4 apprenticeship will be reviewed on an individual basis).

Applicants will be in a role that supports the gathering of evidence required for the Level 6 Digital and Technology Solutions Professional Apprenticeship 'standard'.

# Programme structure

	Term 1		Term 2		Term 3					
Year 1	Programming	Discrete Mathematics for Computer Science	Object-oriented Programming	Computational Mathematics	Computers and the Internet	Social and Professional Issues of the Information Age				
	Professional Development 1									
Year 2	Database Theory and Design	Network and Computer Security	Software Development	Artificial Intelligence and Applications	Web Development	Team Project				
	Professional Development 2									
Year 3	Specialism Module 1		Specialism Module 2					Gateway	End Point Assessment	
			Synoptic Project							
	Professional Development 3									

Specialism Modules (1&2) are based on the following options:

- Software Engineering
- Business Analysis
- IT Consulting
- Data Analysis
- Cyber Security



University  
of Exeter

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