Digital and Technology Solutions Professional.
Level 6 Degree Apprenticeship

Key facts

Duration
48 months

Delivery
This programme is delivered through a combination of online teaching, coaching and workplace development, in addition to a range of other sessions to ensure you progress as a well-rounded technology professional.

Qualification achieved
Undergraduate degree: BSc (Hons) in Digital and Technology Solutions

Entry requirements
Set by individual employers, but typically includes:
- 104+ UCAS points and grade C GCSE in English and mathematics; or
- Completion of a Level 3 apprenticeship/professional qualification in a relevant discipline; or
- A recognised and equivalent qualification (examinations and experience will be considered)

You must be employed in a role relevant to this programme to be eligible to apply.

Cost
This programme costs £25,000 – which is covered by your employer through the Apprenticeship Levy. If your employer does not pay into the Levy, they will only pay 5% of the full price, with the remaining 95% being paid for by the Government.

As a digital professional you will provide a range of technology solutions across an organisation. You will use your expertise to develop or support new products and services while driving growth using technologies.

Who is this apprenticeship for?
You will be a confident, competent and capable technology solutions professional, who can build relationships across an organisation. You will be able to communicate and detail the technology involved in investigating, understanding, planning and delivering solutions for critical and complex issues.

This programme is suitable for a wide range of specialisms across a range of different industries. Job titles will vary and, owing to the pathways available, this programme is best suited to individuals in working in the following areas: IT Consultant, Business Analyst, Network Engineer, Software Engineer, Cyber Security Analyst and Data Analyst.

How can this apprenticeship help your career?
You will develop a valuable range of skills, with a good balance of technical knowledge and practical experience. Your decisions will be influenced through your business interests and the practical experience you gain. You may wish to take on further study, including Master’s degree level.

What will you learn?
Knowledge topics covered will depend on the pathway chosen, but will include a combination of the following over the three stages of the programme:

Stage 1 – Compulsory modules:
- Professional Practice 1
- Business and Information Systems
- Introduction to Programming
- Maths for Computing
- IS Security Foundations
- Network Fundamentals
- Marketing Principles
- Project Management Fundamentals

Stage 2 – Compulsory modules:
- Database Management
- Systems Analysis and Design
- IS Security and Risk Management
- Work Based Project

Stage 2 – Optional modules (options available will depend on the chosen pathway):
- Business Analysis Practice
- Service Management
- Financial Decision Making for IT
- Data Management and Analysis Practice
- Object Oriented Programming
- Computer Network Technologies
- Network Management and Operations
- Mobile Engineering

Stage 3 – Compulsory modules:
- Legal Aspects of Information Technology
- Agile Development
- Professional Project

Stage 3 – Optional modules (options available will depend on the chosen pathway):
- Consulting for Business
- Designing and Delivering IT Change
- Business and Big Data
- Data Analytics and Social Media Monitoring
- Cloud Computing
- Network Security Analysis
- Software Testing
- Web Application Development

*A learner must have passed the prerequisite modules (Network Fundamentals L3) in order to take this module.
**A learner must have passed the prerequisite module (Service Management L5) in order to take this module.
What will you learn? – continued

Skills and Behaviours developed:
- Critical analysis of a business domain
- Analysis of business and technical requirements
- Identification of organisational information requirements
- Security risk assessment
- Application of organisational theory
- Systematic methodology
- Plan, design and manage computer networks
- Effective communications
- Verbal presentations
- Prioritisation
- Teamwork
- Leadership skills
- Constructive feedback
- Application of analytical and critical thinking
- Proposal of IT solution
- Effective research
- Basic business disciplines
- Flexible attitude
- Manage pressure
- Detailed approach
- Problem-solving

How is your programme structured?

![Diagram showing the structure of the programme]

What are the additional benefits?

Our innovative and unique approach to delivering our apprenticeship programmes across BPP incorporates:

- **Your induction** – to ensure you understand your programme and what is expected of you, meet a Coach and your fellow learners
- **Weekly teaching** – from expert tutors who have practical experience and a passion to share that knowledge
- **Monthly 1:1 coaching** – on hand to guide you through your study journey, focusing on your progression and providing support across all areas of your programme
- **Quarterly coaching calls** – with you and your line manager to make sure everything is on track
- **Our e-learning platform** – to help you progress through your studies by creating personalised learning paths to track progression. You will also have access to Lynda.Com and Pluralsight
- **Microsoft Office Specialist Certification** – a globally recognised certificate
- **Business simulations** – real-world entrepreneurial examples and case studies to practice business building skills
- **_CodingClub** – bringing together learners across all programmes to develop your coding skills, work through projects and share their experiences
- **Masterclass events** – featuring speakers from industry to develop your professional networks and upskill in new and emerging areas which are topical and relevant
How will you be assessed?
Throughout your apprenticeship you will complete knowledge modules which will be assessed by a range of methods including reflective statements, coursework, projects and presentations.
You must also maintain a digital portfolio of your completed work, to demonstrate your achievements and capabilities. This will include knowledge module assessments as well as additional reflective statements, employer reference statements and practical outputs of workplace activity.
There will be regular checkpoints throughout your programme to ensure you are meeting these expectations which will build towards your final assessment.

End Point Assessment
Your End Point Assessment is integrated into your final knowledge module, taking place in the final six months of your apprenticeship. It is conducted by BPP and will inform the grading of both the BSc (Hons) in Digital and Technology Solutions and the Digital and Technology Solutions Professional Apprenticeship. The EPA will be made up of the following elements:

• The Synoptic project – the work based project will be a substantial piece of work, focusing on a real world business problem related to your chosen pathway. The project will cover the skills, knowledge and behaviours defined by the programme
• The Presentation – the presentation focuses on the outcomes of the synoptic project, covering what your project involved, the standard of your work, and how you approached it
• Portfolio – although not separately assessed at EPA the portfolio, collated throughout your programme, will also include your synoptic project and presentation and will therefore span your programme and your EPA

How we support you
We want to ensure your success, and to do this we support you at each stage in your journey.
• You will be taught by expert tutors who have practical experience in their respective fields, along with a passion to share knowledge to maximise your career potential
• You will have access to a Coach who is on hand to guide you through each stage of your learning journey, providing you with clear aims and objectives. Your Coach will keep in regular contact and instil the confidence that you can achieve
• BPP will host a range of events, networking opportunities and sessions to improve your knowledge and develop other skills in a variety of areas. This also provides a great opportunity to build relationships with your dynamic community of like-minded talent in the form of other learners, tutors, coaches and mentors
• BPP’s Virtual Learning Environment will give you on-demand access to all of your qualification content, additional learning resources and the step-by-step support you need to ensure your success. You will also have access to Lynda.Com and Pluralsight with all the most up-to-date industry expert-led learning resources

Commitment required
A fundamental part of an apprenticeship programme is that 20% of your contracted working hours will be spent on learning and developing the required Knowledge, Skills and Behaviours. This development time may include learning new relevant tasks, embedding knowledge in your role, practical workplace training, spending development time with your Line Manager, attending online or face-to-face courses and time spent writing assignments/assessments or directed self-study hours:
• Evidencing the application of your knowledge within your working day
• Independent study and research
• Shadowing colleagues and mentoring
• Technical training