This is a fresh take on a Masters programme, combining technical and academic study with on-the-job experience which leads to a holistic appreciation of a selected technical discipline.

This is a tech-focused Masters which enables participants to complete one of six finely tuned, specially designed learning pathways in Software Engineering, Data & Analytics, Enterprise Architecture, Cyber Security, IT Ops Management (Cloud Computing) or IT / Digital Futures (DevOps), laying solid foundations for digital futures.

With this tech Masters apprenticeship programme, you will be flanked by the best. On one side, QA, a learning provider with years of training experience. On the other, Northumbria University, a research-rich, business focused, professional university with a global reputation for academic excellence.

Alongside developing capabilities in digital technology the programme also develops digital leaders via a range of modules, teaching competences in technical leadership, business and technology.

**DURATION**
24 Months + 6 months (typically) for EPA

**QUALIFICATIONS**
MSc Digital & Technology Solutions Specialist awarded by Northumbria University, Newcastle

With a choice of 6 Pathways, including:
1. Software Engineer
2. Data & Analytics
3. Enterprise Architecture
4. Cyber Security
5. IT Ops Management (Cloud Computing)
6. IT / Digital Futures (DevOps)

**LOCATIONS AND DATES**
Locations:
Leeds, Newcastle, London, Birmingham, Manchester

Start Dates:
January, April, July, October

This Masters apprenticeship is presented in partnership with Northumbria University, Newcastle.
Our MSc Digital and Technology Solutions Specialist programme is designed to enhance existing skills through engaging in a work based learning programme and develop understanding of Computing, IT and Digital Technology.

**Choose a specialist pathway to follow in:** Software Engineer, Data & Analytics, Enterprise Architecture, Cyber Security, IT Ops Management (Cloud Computing), or IT/Digital Futures (DevOps).

**CORE**
- Software Engineering Principles
- Data and Analytics Principles
- Cyber Security Principles
- Enterprise Architecture Principles
- Cloud Operations Principles
- DevOps Principles

**OPTIONAL**
- Building OO Applications
- Databases
- Technical and Network Security
- Technical Architecture
- Linux, Networking & Scripting

Pick one of these two optional modules:
- Professional Practice I
- Professional Practice II

**Evidencing 20% off-the-job learning**
Employers and training providers need to meet a 20% off-the-job training requirement. We help advise on how best to do this. Our programme facilitates off-the-job learning, as it has been developed with online learning and on-the-job learning, as well as classroom training.