



Digital and Technology Solutions Specialist

Level 7 Master's Degree Apprenticeship

MSc Digital Technologies



DATA ANALYTICS / SOFTWARE TECHNOLOGIES / CYBER SECURITY
RESEARCH METHODOLOGIES / PROJECT MANAGEMENT

The Digital Professional

"As the Fourth Industrial Revolution unfolds, companies are seeking to harness new and emerging technologies to reach higher levels of efficiency of production and consumption, expand into new markets, and compete on new products for a global consumer base composed increasingly of digital natives. Yet in order to harness the transformative potential of the Fourth Industrial Revolution, business leaders across all industries and regions will increasingly be called upon to formulate a comprehensive workforce strategy ready to meet the challenges of this new era of accelerating change and innovation."

The future of jobs report (2018)

About the programme

This master's level apprenticeship programme delivered online by the University of Salford will help develop the broad spectrum of knowledge and in-depth understanding of the digital economy necessary for the future-ready workforce of tomorrow. It aims to create professionals prepared to lead the digital evolution in an era of unprecedented technological transformation.

This programme will provide the bridge between traditional professional skillsets and the technical expertise critical for organisations undergoing rapid technological transitions. In an age of automation, this course will enable employees to become Digital Technologists, able to lead mixed teams of traditional professionals and technologists and take a place on the board of the leading edge companies of tomorrow.

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Who is it for?

Aimed at graduates, high performing talent and innovators - current and future digital enablers and technology leaders able to fulfil a multitude of roles in ever-changing organisations. The primary role of Digital Professionals is to be innovative thinkers, digital enablers and technology leaders by questioning and considering the role of technology within their work environment.

What are the entry requirements?

You must be employed and individual employers will set the selection criteria for their Apprenticeships. Academically, students registering to the programme will need to meet the relevant entry criteria. You will need to have GCSE Maths and English at Grade C or above as well as having a university degree or equivalent at 2:1 or above or a 2:2 with significant, relevant experience.

What qualification will be achieved?

Upon completion of this apprenticeship programme, you will be awarded with an MSc in Digital Technologies or an MSc (Advanced) in Digital Technologies.

How long is the apprenticeship?

The programme will run over two years.

What will be studied?

Skills within this domain build on previous education and allow the role holder to operate at an enhanced level, within the digitally enabled workplace, while continuing to fulfill their core job role.

The course includes:

- / Databases and Data Mining (standard or advanced variant)
- / Programming and Web Development (standard or advanced variant)
- / Cyber Security and Cryptography (standard or advanced variant)
- / Development Methodologies and Research Methods

As well as digital leadership and transformation.

Following these modules:

- / Professional Project

How will the apprenticeship be delivered?

The programme will be delivered through online course materials and online tutorials. For students able to travel to the University's campus, computing facilities will be made available. Each module will include a study week where students can meet each other, receive additional tutoring and participate in group activities to strengthen the learning process.

The course is flexible: each student learns at his or her own pace, to take account of varying demands upon their time in the workplace. The only requirement is to cover all the relevant material during the six months of each individual module.

How will this apprenticeship be assessed?

Each module will have a single assessment at the end in the form of a portfolio that may combine a written report, practical application and other domain appropriate exercises to enable student's full demonstration of the knowledge, understanding and skills developed, as applicable within their working environment. At the end of the course there will be an End Point Assessment (EPA).

There are two parts to the EPA, which is conducted by an independent assessor:

- / The Professional Project Report which the independent assessor assesses and grades.
- / A Professional Discussion (a structured discussion with the independent assessor allowing the apprentice to respond to questions using a portfolio), which the independent assessor assesses and grades.

Find out more

We also offer a number of different higher and degree apprenticeship programmes across numerous sectors. For full details including entry requirements and start dates, please contact us at

apprenticeships@salford.ac.uk

www.salford.ac.uk/degree-apprenticeships

Apply

Search and apply for apprenticeship vacancies with employers at:

www.findapprenticeship.service.gov.uk

This programme sheet gives you a broad overview of the degree apprenticeship programme at the University of Salford and all content is correct at the time of going to print (March 2019). For the most up to date information, please visit www.salford.ac.uk/degree-apprenticeships