



University of
Strathclyde
Glasgow

Graduate Apprenticeship

BSc (Hons) IT: Software Development Graduate Apprenticeship

“The IT: Software Development Graduate Apprenticeship has been a key driver in allowing J.P. Morgan to attract the best and most diverse talent to the Glasgow Technology Centre. The programme means that our apprentices receive not only a strong academic foundation, but also through work-based learning, with a real understanding of our business. This adds real value and helps to support our future growth plans.”

LYNNE LOCKIER, J.P. MORGAN



SCAN QR CODE

Strathclyde's bespoke BSc (Hons) IT: Software Development Graduate Apprenticeship programme, designed in partnership with industry, will develop apprentices' knowledge, skills, competencies and professional behaviours

The degree is designed in partnership with the IT industry to meet the criteria for British Computer Society accreditation (Chartered IT Professional).

Facilitated by world-class academics, apprentices will acquire underpinning knowledge and understanding via our blended learning online and campus delivery. Core IT competencies are developed through an integrated work-based learning curriculum. The on-campus delivery will allow apprentices to hone their programming and software engineering skills with support from experienced academics.

Employer Benefits

- Enables employers to fast track the time required for graduates to reach optimum productivity
- Fully funded degree places with the opportunity to progress to Masters or Doctorate level
- Designed for a diverse and geographical remote learner population whilst offering an individualised learning supported by our learning advisors.

Why Strathclyde:

- Our one day a month on campus model ensures minimum time out of the business.
- Dedicated support from a Learning Advisor, who has come from industry.
- Programmes are designed and continually developed with industry at the heart of them.

Course Structure & Content

During Years 1 and 2 of the degree, Graduate Apprentices will study core modules addressing Programming, Software Engineering, Web and Database Development, Problem Solving and Professional Issues.

In addition, Graduate Apprentices will undertake a work based Integrated Project which will enable them to apply their academic knowledge within their work context.

Year 1: Software Development.	
Programming 1	30 Credits
Introduction to Software Engineering	10 Credits
Problem Solving	10 Credits
Information and Data 1	20 Credits
Business and Management Fundamentals	20 Credits
Integrated Project 1	30 Credits

Year 2	
Programming 2	30 Credits
Software Engineering 2	20 Credits
Information and Data 2	20 Credits
Memory and Structure	10 Credits
Professional Issues	10 Credits
Integrated Project 2	30 Credits

Year 3	
Programming 3	15 Credits
Software Engineering 3	15 Credits
Computer Networks	15 Credits
User-Centred Design	15 Credits
Fundamentals of Data Analytics	15 Credits
Group Project	15 Credits
Integrated Project 3	30 Credits

Year 4	
Individual Work-Based Project	40 Credits
Fundamentals of Cyber Security	20 Credits
In addition to this, students take 60 credits of optional classes – each optional class is worth 20 credits.	

Entry Criteria

We have a flexible admissions approach and applications will be considered on an individual basis with input from employers. The programme has been designed to meet the needs of learners with a range of vocational and academic qualifications including the potential for progression from a Foundation Apprenticeship.

Typically, applicants will have 4 Highers (minimum B grades) including Mathematics, Computing Science and Physics, and preferably National 5 English.

Applicants without the required academic qualifications but with work experience will be considered. The team will be happy to work with employers to streamline the recruitment process for new apprentices.

Graduate Apprenticeships are funded by Scottish Funding Council
www.sfc.ac.uk



Scottish Funding Council
Comhairle Maoineachaidh na h-Alba



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www.strath.ac.uk/courses/undergraduate/itsoftwaredevelopmentgraduateapprenticeship/

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