Graduate Apprenticeship in Software Engineering

FAQs

WORLD CHANGERS WELCOME

The Graduate Apprenticeship (GA) programme is an alternative route to students attaining a degree and employers gaining new, valuable, tailored talent for their workforce. Our Software Engineering degree programme has been designed in partnership with industry and draws on global research on work-based learning best practice.

- Graduate Apprentices benefit from a job, a salary and a degree at the same time
- Applicants apply directly to the employers therefore not impacting UCAS submissions.
- The degree course is funded by Skills Development Scotland
- The GA is 4 years with the time split between the employer and the university
- Our apprentices graduate with a BSc in Software Engineering

The valuable work-based learning is combined with an intensive foundational course taught in blocks at the university **over the first 18 months**, ensuring:

- the apprentices have a strong on campus university experience
- fast tracking of the apprentices' skills and learning, creating work-ready apprentices from an early stage in the programme

In years 3 and 4 of the programme apprentices can opt to specialise in **Data Science**, **Cyber Security**, or **Systems Engineering** which is delivered through a day release programme.

What does the four-year programme look like?
YEAR 1: the course will provide the skills and tools required for you to quickly pick up whichever language is most prominent in your workplace, supplemented by a course covering the fundamentals of professional software development. This will be followed by testing fundamentals and practical algorithms courses.

YEAR 2: you will cover data storage, HCI, systems and underlying algorithmic content to broaden your understanding of the wider computing field, followed by low level architecture and networking theory, data science and a further course on professional software engineering. It will also include a significant team working component.

YEARS 3 and 4: you will select from Honours or Masters electives offered to students on the traditional Software Engineering BSc (Honours) programme to make up 60 credits per year (three 10-credit courses per semester). Honours courses will be offered online or on campus.

The remaining credits will be assessed in the form of long-term projects and assignments in the workplace, which will be agreed upon by employers and the lecturers on the Graduate Apprenticeship programme.

How do I apply?
1) Candidates apply directly to our partner employers (see our website) - not through UCAS. Each employer will have a well-documented application process which may involve a combination of interviews and technical tests which will help them decide if you are a good fit.

2) After the application process is complete, you may be offered a position (which may also be conditional on qualifications in process) and will be given instructions on how to apply to the University as a student.

3) If you are unsuccessful in your application to one employer, we encourage you to seek feedback and apply to other positions: there is no limit to the number of Graduate Apprentice roles you may apply for.

REMEMBER: this does not impact your UCAS submission or SAAS funding so you can apply for both. Employers recruit year-round, from November through to July. **More information**

Who are your current company partners?

Autorek	**SQA**
Barclays	**Student Loan Company**
Klik2Learn	**TBR Global**
Leidos	**UofG IT Services**
NHS Scotland	**VeryConnect**

Please refer to our website for full details on academic entry requirements

Please refer to our website for FAQs

Key contacts at the University

Matthew Barr, Programme Director Graduate Apprenticeship in Software Engineering

Nathalie Sheridan, Academic Lead Mentor Development

Anna Doyle, Employer Liaison Officer

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