ONE OF THE TOP 100 UNIVERSITIES IN THE WORLD

29,000 STUDENTS FROM MORE THAN 140 COUNTRIES

IN THE TOP 5 OF THE RUSSELL GROUP FOR STUDENT SATISFACTION (NSS 2019)

RANKED 2ND IN SCOTLAND AND 8TH IN THE UK FOR COMPUTER SCIENCE (COMPLETE UNIVERSITY GUIDE 2021)

A MEMBER OF THE RUSSELL GROUP OF RESEARCH-INTENSIVE UK UNIVERSITIES

FOUR-YEAR DEGREE PROGRAMMES OFFERING FLEXIBILITY & CHOICE

250+ CLUBS AND SOCIETIES

How to apply

For full-time study you must apply through the Universities & Colleges Admissions Service (UCAS). See ucas.com.

Applications to the Graduate Apprenticeship in Software Engineering programme are made directly through employers. For current opportunities, see apprenticeships.scot and glasgow.ac.uk/computing/apprenticeships.
COMPUTING SCIENCE

Computing science is wide-ranging: from programming and engineering large software systems, to the design and evaluation of human–computer interfaces, algorithms, computer and network systems, artificial intelligence, information retrieval and big data systems.

**BSc (Hons) (G400): Four years**
Software engineers develop and maintain large-scale complex software infrastructures. Our programme combines theoretical computing science with the principles and practices used in the modern software industry and gives you real-world experience.

**BSc (Hons) (G402): Five years**

**Faster Route BSc (Hons) (3N7R): Three years**

**Faster Route MSci (7G3F): Four years**

Joint Honours available, see glasgow.ac.uk/ug/computingscience.

Entry requirements
Our programme webpages advertise the most up-to-date detail on our entry requirements for 2022-23 entry at glasgow.ac.uk/undergraduate. Due to the impact that the COVID-19 pandemic has had on grades certified in 2020, we are currently assessing the flexibility that we can offer in the consideration of academic entry requirements. We will publish any changes on our webpages.

**Years 1, 2, 3 and 4**

As an Honours student (years 3 and 4), you will cover the key areas of the subject, including computer systems, databases, and human–computer interaction.

**Year 1**
You will study Java programming, object-oriented software engineering, data structures and algorithms, algorithmic foundations, computer networks, operating systems, and web application development.

**Year 2**
You will study other subjects in years 1 and 2.

**Year 3, 4 and 5**

As an Honours student (years 3 and 4), you will cover the key areas of the subject, including computer systems, databases, and human–computer interaction.

**Year 3, 4 and 5**

As an Honours student (years 3 and 4), you will study the essential aspects of computing science in depth. Our curriculum is driven by our world-leading research sections and we offer opportunities for programme specialisms from year 3 onwards. Together with team projects and a substantial individual project, the programme provides excellent preparation for professional computing scientists.

Computing Science can be taken as an MSci, which includes an additional year. Students on the MSci programme follow the BSc Honours degree programme, followed by an additional year studying advanced modules and a substantial research-oriented project.

**Faster route**
If you have exceptional grades it is possible to follow a faster route, which allows you to complete a standard BSc (Hons) or MSci degree in one year less than usual, by being exempted from most of the first-year computing science material.

**Our international links**
You will have the opportunity to study abroad at one of our partner universities as part of your degree. This won't add any extra time to your studies.

**Accreditation**
Honours graduates are eligible for membership of the British Computer Society and, after relevant work experience, they can apply to become full Chartered IT Professionals (CITP) and partial Chartered Scientists (CSci)/Chartered Engineers (CEng). MSci graduates are eligible for full CITP and partial CSci. Honours degrees hold the Euro-Inf Bachelor Quality label; MSci degrees hold the Euro-Inf Master Quality Label.

**Career prospects**
Recent graduates are employed as software engineers and systems analysts with companies such as Google, JP Morgan, Morgan Stanley, Skyscanner and Yahoo.

**Why choose Glasgow?**
The School of Computing Science launched the pioneering Centre for Computing Science Education in 2017, in recognition of our commitment to leadership and innovation in educational practice.

**Entry requirements**
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**Faster Route BSc (Hons) (G430): Four years**

**MSci (G410): Five years**

**MSci with work placement (I300): Five years**

**Faster Route MSci (0VB3): Four years**

**Faster Route MSci with work placement (I301): Four years**

The School of Computing Science launched the pioneering Centre for Computing Science Education in 2017, in recognition of our commitment to leadership and innovation in educational practice.

**Year 1**
You will take courses on key areas of the subject, including programming, computer systems, databases and human–computer interaction.

**Year 2**
You will study Java programming, object-oriented software engineering, data structures and algorithms, algorithmic foundations, computer networks, operating systems, and web application development.

**Years 3, 4 and 5**

As an Honours student (years 3 and 4), you will study courses which present a practical, design-oriented approach to computing, also covering topics such as databases, software project management and real-time systems.

Year 3 covers a broad range of topics and emphasises the skills needed for team-based software development when working with real-world customers. You will take part in a software engineering team project.

After year 3, BSc students spend their summer on a paid placement in industry. This placement lasts a full year for MSci Work Placement students.

The final year (4 or 5) includes advanced courses on software engineering and a substantial individual project, frequently in collaboration with employers. BSc students can extend their degree by an additional year and graduate with an MSci.

**Faster route**
If you have exceptional grades it is possible to follow a faster route, which allows you to complete a standard BSc (Hons) or MSci degree in one year less than usual, by being exempted from most of the first-year computing science material.

**Our international links**
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**Accreditation**
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**Career prospects**
Our graduates are employed in such companies as Codeplay, JP Morgan, Amazon and HP. We also actively support our graduates in creating their own startups.

**Why choose Glasgow?**
The Student Tech Society at Glasgow organises regular hackathons and other coding events, bringing together students, staff and industrial software developers to solve exciting problems.
SOFTWARE ENGINEERING (GRADUATE APPRENTICESHIP)

As a Graduate Apprentice in Software Engineering you can gain a university qualification at the same level as those studying traditional degree programmes, while applying your learning in the workplace. As you are employed you also benefit from a salary.

BSc (Hons): Four years

Entry requirements
Our programme webpages advertise the most up-to-date detail on our entry requirements for 2021-22 entry at glasgow.ac.uk/undergraduate. Due to the impact that the COVID-19 pandemic has had on grades certified in 2020, we are currently assessing the flexibility that we can offer in the consideration of academic entry requirements. We will publish any changes on our webpages.

Electronic & Software Engineering combines the study of both hardware and software within modern computing and engineering. It will give you the knowledge required to lead teams that will design and build the computerised and embedded systems of the future.

BSc (Hons): Four years

Entry requirements
Our programme webpages advertise the most up-to-date detail on our entry requirements for 2021-22 entry at glasgow.ac.uk/undergraduate. Due to the impact that the COVID-19 pandemic has had on grades certified in 2020, we are currently assessing the flexibility that we can offer in the consideration of academic entry requirements. We will publish any changes on our webpages.

Why choose Glasgow?
This innovative degree programme has been designed from the ground up in partnership with 25 companies and draws on global research on best practice in work-based learning.

glasgow.ac.uk/ug/softwareengineeringgraduateapprenticeship
compsci-advice@glasgow.ac.uk

* Complete University Guide 2021

glasgow.ac.uk/ug/electronicsoftwareengineering
ing-teachingoffice@glasgow.ac.uk

* Discover Uni (discoveruni.gov.uk), January 2020