

Software Engineering

University of Stirling

Venues

Stirling Campus

Content

This Software Engineering degree gives you programming and professional skills along with hands-on coding experience and use of AI in software development. Graduate with accreditation from the BCS as a Chartered Information Technology Professional.

This BSc (Hons) Software Engineering degree equips you to design, develop, test, and maintain software systems. You'll study:

Programming and scripting in languages such as Java, Python, C#, PHP; Data structure, objects and algorithms; Object-oriented design and development for desktop, web and mobile; UX design; Software assisted development with Artificial Intelligence (AI) and Large Language Models (LLMs); Compilers and code performance; Machine learning; Computer game development; Database technologies (SQL, NoSQL); Computer security and networks.

You can also explore your own areas of interest such as AI, web services or mobile app development.

You'll build skills in problem-solving, creativity, project management and teamwork. In your final year, you'll develop a major piece of software from initial requirements to final delivery.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G600

Course Length

4 years

Faculty

Natural Sciences

Department

Computing Science and Mathematics

Entry Requirements

2027 entry requirements:

4 Highers at ABBB.

For entry to the three year Honours degree, you need 3 Advanced Highers at ABB including Computing Science. You should have experience of Java or other programming languages.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

www.stir.ac.uk