

## Computing Science

University of Stirling

### Venues

Stirling Campus

### Content

Computing science is about understanding, designing, and building software and systems. It's a mix of logic, creativity, and technical skill that underpins almost every modern industry.

This BSc (Hons) Computing Science gives you the theory and practical experience in how to design, build and analyse computer systems.

You'll cover:

Programming and scripting in languages such as Python, Java, C++, C#, JavaScript and PHP; Database technologies (SQL, NoSQL); Software engineering; Computer networks and distributed computing; UX design; Cyber security and forensics; Data analytics; Machine learning; Software assisted development with Artificial Intelligence (AI) and Large Language Models (LLMs); Big Data.

You'll build valuable skills in critical thinking, project management, teamwork, and communication. In your final year, you'll take on an independent project that reflects your interests. That might be designing and developing software, exploring a research topic, or creating control software for a hardware device.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

BSc Hons

### UCAS Code

G400

### 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 would 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

Stirling  
FK9 4LA

## Website

www.stir.ac.uk