



Fairfield School of Business

BSc(Hons) Computer Science

with Foundation Year

Studying the BSc (Hons) Computer Science at Birmingham Newman University and Fairfield School of Business offers a future-focused and professionally relevant route into the digital sector. Whether you're entering the tech industry, transitioning into a new field or continuing your studies, this course provides the technical foundation and adaptability needed to succeed. With a strong emphasis on ethical practice, innovation and real-world application, you will graduate ready to make a confident contribution to computing and digital transformation.

- Awarding Body: **Birmingham Newman University**
- Course Duration: **4 years**
- Course Type: **Full-time**
- Fee: **please scan QR Code to further details**



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information




IN PROUD PARTNERSHIP WITH



**Birmingham
Newman
University**

 fsb.ac.uk

 01164 670 718

 admissions@fairfield.ac

 Croydon Campus

How will I be assessed?

You will study a well-rounded curriculum that includes programming, algorithms, databases, systems architecture and software engineering. These subjects are delivered through a blend of lectures, workshops and collaborative projects,

encouraging you to apply your skills to practical scenarios. Alongside technical learning, you will explore the ethical, legal and social responsibilities of working in computing, helping you make informed decisions in professional contexts.

Modules Studied

Foundation Year

- Developing Disciplinary Thinking 1
- Developing Disciplinary Thinking 2
- Education and Society
- Being Human in a Digital World

Year 1 - Level 4

- Developing as a Computer Scientist
- Programming Fundamentals
- Fundamentals of Web Design
- Database Design & Development
- Fundamentals of Systems & Networking
- Object Oriented Programming & Data Structures

Year 2 - Level 5

- Creative Computing
- Advanced Web Development
- Cyber Security
- Machine Learning
- Robotics & Computer Vision
- Industry Project

Year 3 - Level 6

- Project
- Deep Learning
- Game Design & Development
- Cloud Application Development
- Internet of Things

Entry Requirement

Application based on Previous qualifications:

If you are applying based on your previous qualifications, you will usually have achieved a minimum of 90 credits from a Level 3 qualification such as A Levels or BTECs.

Mature learners (Aged 21+)

If you are applying as a mature learner (aged 21+) and do not have the above qualifications, you can apply via our assessment based entry and we will consider your prior experiences (work, voluntary, life, and other experiences) that are relevant to the course.

You will be required to complete the following:

1. Provide a Personal Statement (500 words)
2. English Language Test (with a minimum 60% score, equivalent to IELTS 5.5)
3. Maths Test (Score 50%)
4. Complete a SAPE Assessment (Screening for Accreditation of Prior Experience)
5. Applicants will also be invited to attend an Interview