Computing and Digital

Bachelor of Science (Hons) in Computing AI & Cloud

Campus: University Centre Rotherham
Code: U04HE04
Type: Full Time | Part Time

This course delivers top-tier computer science education through its experienced staff, thoughtfully designed curriculum, and state-of-the-art facilities.

It offers a wide array of computer science modules, including programming languages, database development, cybersecurity, artificial intelligence, and computer networks.

Students can tailor their degree to align with their interests by choosing from specialised streams such as Artificial Intelligence, and Cloud Computing, providing flexibility to accommodate diverse career aspirations.

Additionally, the course ensures personalised support through academic mentoring, one-on-one tutorials, career counselling, and dedicated tutoring. This comprehensive support system empowers students to excel academically and achieve their career goals.

What Will I Study?

Core Units:

- The Internet of Things
- Professional Development
- Database Development
- Computer System Architecture
- Computational Thinking
- Programming Fundamentals
- Fundamentals of AI
- Web Coding and Development
- Networking and Cloud Fundamentals
- Big Data Analysis
- Data Analytics and Visualisation
- Computing and Business Enterprise
- Dissertation

AI Pathway:

- Data Structure an Algorithms
- Advanced Programming
- Machine Learning
- Natural Language Processing

Cloud Pathway:

- Advanced Cloud
- Cyber Security
- Penetration Testing
- Advanced Networking and Cloud

Why Study With Us?

You should study here because this course offers exceptional computer science education, supported by experienced staff, a thoughtfully designed curriculum, and state-of-the-art facilities.

It provides a broad range of modules including;

- programming languages
- database development
- cybersecurity
- artificial intelligence
- computer networks

You can customise your degree to match your career aspirations by choosing specialised streams such as Artificial Intelligence and Cloud Computing, giving

you the flexibility to pursue your interests.

Moreover, personalised support, including academic mentoring, one-on-one tutorials, career counselling, and dedicated tutoring, ensures you receive the guidance needed to excel academically and professionally.

Additionally, UCR offers some of the most affordable fees compared to other universities in the region, making it an excellent choice for quality education at a competitive cost.

Entry Requirements

- 64 UCAS points
- Access to HE
- A full Level 3
- A Level 5 qualification (or equivalent) in a related subject or from an HND to allow for a top up to BSC Degree.
- Prior knowledge, work experience and qualifications will be considered and discussed upon interview.

Students are also required to hold English & Maths GCSE (or equivalent) grade C or above.

Applicants may be admitted with credit for prior certificated learning (APcL) or work/life experience or other uncertificated learning (APeL)

How To Apply

You can apply using our online application form and clicking the **Apply Now** button at the top of the page.

What Courses Can I Progress Onto?

MSc in any computing course.

PLEASE NOTE

We make every effort to ensure information within our online course directory is accurate and a true representation of the courses we are offering in 2027-28. However, we do reserve the right to make changes if necessary.

Last updated: 20th November 2026