

Computer Science

BSc (Hons)

Computing professional roles are growing significantly, so there is increased demand for employable and productive computer science graduates with strong vocational skills.



To find out more contact: (+44) 01243 816000 | studyhere@chi.ac.uk | chi.ac.uk/courses

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Computer Science BSc (Hons)

The BSc (Hons) in Computer Science has been designed to provide you with a broad range of computer science skills, delivered in a way that will support future employability. This programme will ensure that you also acquire the skills necessary to be successful with your job applications and have an impact in employment.

ENTRY REQUIREMENTS

Typical Offer (individual offers may vary):

- Tariff points: 96 – 112
- A Levels: BBC – CCC (including Mathematics)
- BTEC: DMM – MMM (Computing)
- GCSEs: English Language, Mathematics and Computer Science at grade C/4 or better
- International Baccalaureate: 28 points (including Maths Higher)
- Access to HE Diploma: Pass with at least 15 credits at Merit
- IELTS 6.0 overall with no element lower than 5.5

At the Business School we support the development of enterprising, professional graduates and we deliberately create an executive education environment that encourages open questioning, project management and team work.

INDICATIVE MODULES

Year One:

- Procedural Programming (Python)
- Discrete Mathematics
- Networked Worlds, Systems & Architectures
- Computer Science Fundamentals
- Algorithms and Data Structures

- Database Systems
- Object Oriented Programming (Java)
- Business Information Systems

Year Two:

- Web Application Development
- Developing Real Systems for Customers: Double Module
- Mathematical Modelling & Numerical Analysis
- Project Management
- Mobile Application Development
- Professional Practice/Graduate
- Design and Analysis of Algorithms

Year Three:

- Final Year Project: Double Module
- Data Science & Analytics
- Cyber Security
- Creative Computing
- Computational Science
- Artificial Intelligence
- Cyber-Physical Systems

CAREER PATHWAYS:

A computer science degree can take you into specialist jobs, such as software development or into areas of engineering and science. However, computer scientists are also required in virtually all business activities.

Contact:

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