



Postgraduate Computer Science and Data Science courses



Computer Science and Data Science

With specialist teaching and world-leading research in fundamental and applied computer science, we have a range of opportunities for postgraduates. As demand for computer and data scientists grows rapidly in the modern world, we will prepare you for an exciting career in industry or academia.

Why study Computer Science and Data Science at Birmingham?

Our taught Masters programmes cover a variety of specialisations including AI, machine learning, robotics, human computer interaction and cyber security.

We also have Computer Science and Data Science programmes open to students from diverse backgrounds who may not have a related undergraduate degree but who wish to become qualified computer scientists.

We are breaking new ground in the theory and practice of computational systems and their applications. Our research areas include AI, robotics, security and privacy, theory, computational life sciences and human-centred computing, and we offer PhDs in these areas.

Advanced Computer Science MSc

This Advanced Computer Science Masters/MSc draws upon our international research reputation, it is designed to prepare students for a career in academic or industrial research in computer science.

Applications of Data Science MSc (Online)

Advance your career at the University of Birmingham in a range of digital media, communications, cultural, and creative industries. Apply today.

Artificial Intelligence (AI) and Computer Science MSc / PGDip (Dubai)

Gain practical experience in AI and Computer Science with our MoE accredited programme. Designed for graduates from diverse subject backgrounds, it opens doors to exciting new career opportunities.

Artificial Intelligence (AI) and Machine Learning MSc

This programme in Artificial Intelligence (AI) and Machine Learning is for graduates in a computing-related discipline, allowing you to evaluate, design and build secure computer systems, processes.

Computer Science MSc

Our Computer Science Masters course is designed to open the door to exciting new career opportunities in computer science, it's suitable for a variety of graduates from diverse subject backgrounds.

Computer Science PhD / MSc (Res)

We offer supervision for the degree of Computer Science PhD in many research areas of the subject. Learn more.

Cyber Security MSc

Our Cyber Security Masters degree is for graduates in a computing-related discipline, it will give you the knowledge and expertise to evaluate, design and build secure computer systems, processes

Data Science MSc

This Data Science Masters/MSc has been designed to get people from a variety of academic backgrounds up to speed with the state-of-the-art in data science. Learn more.

Human Computer Interaction MSc

Human Computer Interaction is probably the single most important area for the success of a computer system and also provides great opportunities for innovation and creativity.

Joint Masters Data Science and AI MSc

Joint Masters Data Science and AI with global experts at both the University of Birmingham and IIT Madras. Learn more..

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