

Study with us

About the School

Courses covered:

Code	Title
CMCSM	MSc Advanced Computer Science
	MSc Advanced Computer Science (Sandwich)
	MSc Advanced Computer Science with Research
	MSc Artificial Intelligence and Robotics
	MSc Artificial Intelligence and Robotics (Sandwich)
	MSc Artificial Intelligence and Robotics with Advanced Research
	MSc Computer Networks and Systems Security
	MSc Computer Networks and Systems Security (Sandwich)
	MSc Computer Networks and Systems Security with Advanced Research
	MSc Cyber Security
	MSc Cyber Security (Sandwich)
	MSc Cyber Security with Advanced Research
	MSc Data Science and Analytics
	MSc Data Science and Analytics (Sandwich)
	MSc Data Science and Analytics with Advanced Research
	MSc Software Engineering
	MSc Software Engineering (Sandwich)
	MSc Software Engineering with Advanced Research
	MSc Computer Science

You can find full details of your course in the **Programme Specification**.

Important Points

The Department of Computer Science is based at the University's College Lane Campus. Computer Science has been taught and studied here since 1956, making it one of the oldest academic Computer Science establishments in the UK. The Department is also one of the largest in the country. Students come to the School from all over the world to obtain an education in Computer Science as undergraduates, Master's degree students, and PhD research students.

The Department is also a centre for Computer Science research, with world-class research strengths that cross boundaries into computational biology, robotics, software design, processor design and cyber security. The Department has an established Cyber Security Centre. We also have collaborations with commercial partners in the computing industry, and students can take part in these by taking the placement option (where available).

Working with our Student Forums and Professional Advisory Group, we keep our programme up-to-date, reflecting the needs of industry, tracking new trends in technology, and ensuring that our courses are relevant and interesting.

Placements

MSc placement awards offer the opportunity for students to undertake a period of industrial placement, and so develop their understanding and skills within a professional environment. In order to be eligible for a placement, students must normally have passed 120 credits if they are Semester A (September) entrants of the programme, or 60 credits if they are Semester B (January) entrants, and achieved a pass in the first attempt at the first 60 credits. All students who have become eligible for a placement will be issued a statement of eligibility from the Department of Computer Science. Students who have not met these progression requirements, including those with outstanding deferrals from the first attempt at their first 60 credits, will normally be transferred from the sandwich course to the corresponding 2-year 'with Advanced Research' course.

Although the responsibility for finding a placement is with students, our Careers, Employment and Enterprise Service maintains links with a wide variety of employers who offer placement opportunities and organise special training sessions to help you secure a placement, from job application to the interview. Optional one-to-one consultations are also available.

Professional and Statutory Regulatory Bodies

The previous version of the Programme and its awards achieved accreditation from the BCS (British Computer Society), as shown in the table below.

Award Title (for all study modes including full-time, sandwich and part-time)	BCS Accreditation (previous version of the programme)
MSc Artificial Intelligence and Robotics	Accredited by BCS, The Chartered Institute for IT to fully meet the learning academic requirement for registration as a Chartered IT Professional. Accredited by BCS, The Chartered Institute for IT on behalf of the Engineering Council to partially meet the academic requirement for registration as a Chartered Engineer.
MSc Software Engineering	Accredited by BCS, The Chartered Institute for IT to fully meet the learning academic requirement for registration as a Chartered IT Professional.
MSc Advanced Computer Science	Accredited by BCS, The Chartered Institute for IT on behalf of the Engineering Council to partially meet the academic requirement for registration as a Chartered Engineer.
MSc Computer Networks and Systems Security	Accredited by BCS, The Chartered Institute for IT to fully meet the learning academic requirement for registration as a Chartered IT Professional. Accredited by BCS, The Chartered Institute for IT on behalf of the Engineering Council to partially meet the academic requirement for registration as a Chartered Engineer.

MSc Cyber Security	The Department is currently in touch with the BCS regarding accreditation (not currently accredited)
MSc Data Science and Analytics	BCS accreditation will be sought after the award title has its first group of graduates in 2020.
MSc Computer Science	Accredited by BCS, The Chartered Institute for IT to fully meet the learning academic requirement for registration as a Chartered IT Professional.

The new version of the Programme has been carefully designed to achieve appropriate levels of accreditation, and the Department is currently in touch with the BCS regarding continued accreditation.

Academic Year 2021 – 2022

The University's academic year is made up of 3 Semesters. Normally most undergraduate programmes use Semesters A and B, additionally postgraduate programmes and specific undergraduate programmes use Semester C. Each of these is made up of teaching weeks followed by exams (the re-sit period falls within Semester C).

- Semester A runs from Monday 27 September 2021 to Friday 21 January 2022
- Semester B runs from Monday 24 January 2022 to Friday 13 May 2022
- Semester C runs from Monday 16 May 2022 to Friday 9 September 2022

Additional Expenses

Description	Year	Mandatory/ Optional	Estimated cost
The University currently does not charge tuition fees during the placement period, but other costs may be incurred, i.e. travel and accommodation.	1, 2	Optional	Not available
Recommended texts are available from the Learning Resources Centre either as ebooks or printed material. Availability of printed material maybe limited so students may wish or be required to purchase their own copies.	1, 2	Required/Optional	£50 - £400 per year
Final Project Materials – students may choose to purchase hardware and/or software	1, 2	Required/Optional	Not available
Short Courses	1, 2	Optional	£300- £350
Field Trips	1, 2	Optional	£15 - £30 each (estimated cost)