

Study with us

About your 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 as PhD research students.

The Department is also a centre for computer science research, with world-class research strengths that cross boundaries into areas such as computational biology, robotics, software

design, processor design and cyber security. 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. The Department has an established Cyber Security Centre.

Working together with our Student Forum and Professional Advisory Group, we continually update our programmes to reflect the needs of industry, to track new trends in technology, and to ensure that our courses are attractive and interesting.

Placements

These courses, except MSc Computer Science, are available with an optional one year industry placement. If your offer includes a placement you must have completed 120 credits worth of taught modules to qualify for the placement period if you are a Semester A September entry, or 60 credits if you are a January entry. The first 60 credits must be passed at the first attempt, with a grade arithmetic mean of not less than 50. Students having outstanding referrals or deferrals at the end of their first 60 credits will not be eligible to take a placement and will be transferred to a non-placement route.

Although the responsibility for finding a placement is with the student, our Careers, Employment and Enterprise Service maintains 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. Please contact careers@herts.ac.uk if you require any support.

Professional and Statutory Regulatory Bodies

The previous incarnation of this 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 in previous incarnation of this programme
MSc Artificial Intelligence and Robotics	<p>Accredited by BCS, accredited under the award title MSc Artificial Intelligence with Robotics as below.</p> <p>Accredited by BCS, The Chartered Institute for IT for the purposes of fully meeting the further learning academic requirement for registration as a Chartered IT Professional</p> <p>Accredited by BCS, The Chartered Institute for IT on behalf of the Engineering Council for the purposes of partially meeting the academic requirement for registration as a Chartered Engineer</p>
MSc Software Engineering	Accredited by BCS, The Chartered Institute for IT for the purposes of fully meeting the further 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 for the purposes of partially meeting the academic requirement for registration as a Chartered Engineer
MSc Computer Networks and Systems Security	<p>Accredited by BCS, accredited under the award title MSc Computer Networking Principles and Practice as below.</p> <p>Accredited by BCS, The Chartered Institute for IT for the purposes of fully meeting the further learning academic requirement for registration as a Chartered IT Professional</p>

	Accredited by BCS, The Chartered Institute for IT on behalf of the Engineering Council for the purposes of partially meeting the academic requirement for registration as a Chartered Engineer
MSc Cyber Security	Not accredited: The department is currently in touch with the BCS regarding accreditation.
MSc Data Science and Analytics	Not accredited: 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 for the purposes of partially meeting the academic requirement for registration as a Chartered IT Professional

This 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

Academic Year 2020 – 2021

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 21 September 2020 to Friday 15 January 2021
- Semester B runs from Monday 18 January 2021 to Friday 21 May 2021
- Semester C runs from Monday 24 May 2021 to Friday 17 September 2021

Additional expenses

Description	Year	Mandatory/ Optional	Estimated cost
The University currently does not charge fees during a placement year but you may incur costs i.e. travel and accommodation	1 or 2	Optional	Not available
Recommended texts are available in 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 – may choose to purchase hardware and/or software	1,2	Required/Optional	Not available
Additional Short Courses	1,2	Optional	£300- £350
During your studies, there may be optional field trips.	1	Optional	£15 - £30 each (approximate cost)