



**Voice of the student**

*'The best part of my course was the opportunity to learn about artificial intelligence. I also participated in Hackathons with the KCL Tech Society - it was a lot of fun and something I'll remember for a long while.'*

**James**

Computer Science with Robotics BSc  
alumnus  
Department of Informatics

Our expertise covers computer science and artificial intelligence, as well as telecommunications and robotics, and their application to bioinformatics, finance, healthcare, security, urban problems and engineering.

This breadth of activity offers a vibrant and exciting environment that enables us to deliver a curriculum that gives our graduates the ability to work on the computer systems of today, and to create those of tomorrow, in order to tackle important societal problems. We give students the opportunity to explore new areas, with access to mobile and other emerging computing platforms. This ensures students gain not just a world-class education in the subject, but can showcase their ability to innovate.



FACULTY OF NATURAL  
& MATHEMATICAL SCIENCES

**KING'S**  
College  
LONDON

## Computer Science Undergraduate study

### The Faculty of Natural & Mathematical Sciences

The Faculty of Natural & Mathematical Sciences has a tradition of excellence in research and education, and a commitment to promoting the careers of women in science. Our work crosses traditional subject boundaries, creating cutting-edge research in non-traditional disciplines that contribute towards the university's broad subject base. We're working on fundamental problems in basic science across mathematics, physics, chemistry, computer science, telecommunications and robotics, as well as their application to healthcare, security and many other areas.

For more information on the Faculty, please visit [kcl.ac.uk/nms](http://kcl.ac.uk/nms)

 [www.kcl.ac.uk/informatics](http://www.kcl.ac.uk/informatics)

 [/kclinformatics](https://www.facebook.com/kclinformatics)

 [@kclinformatics](https://twitter.com/kclinformatics)

This leaflet was printed in May 2019. Although it was up-to-date at the time it was produced, please make sure you check our website ([kcl.ac.uk/study](http://kcl.ac.uk/study)) or contact us directly for the very latest information before you commit yourself to any of our courses.

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[kcl.ac.uk/informatics](http://kcl.ac.uk/informatics)

## Our courses

We offer a variety of undergraduate courses, providing students with the capability to understand, create and use computer and information systems technology to solve theoretical and practical problems. Emphasis is placed on the development of practical skills in software engineering, programming and the design of software and algorithms, security and artificial intelligence, and mobile computing.

Students can choose to study for a three-year BSc or four-year MSci course. Our degree modules are continually being reviewed and developed, in order to continue to offer innovative and exciting topics. Students might typically study modules such as Programming Practice and Applications, Computer Systems, Data Structures, Artificial Intelligence, Operating Systems & Concurrency, Internet Systems, and Cryptography and Information Security.

## Our degrees

- Computer Science BSc\*
- Computer Science MSci
- Computer Science with a year in industry BSc\*
- Computer Science with a year abroad BSc\*
- Computer Science with Intelligent Systems BSc\*
- Computer Science with Robotics BSc\*
- Computer Science with Management BSc\*
- Computer Science with Management and a year abroad BSc\*
- Computer Science with Management and a year in industry BSc\*

\* Course is accredited by the British Computing Society.

# 8th

IN THE UK FOR THE QUALITY OF RESEARCH (REF 2014)

# 92%

OF THE DEPARTMENT'S GRADUATES WERE IN FULLTIME WORK OR STUDY WITHIN SIX MONTHS OF GRADUATING (DLHE 2017)



## Voice of the academic

*'The best thing about King's Department of Informatics is the people. The diversity of our staff and students, who come from all over the world, means our research, teaching and student experience is shaped by a huge breadth of experiences and interests. Our staff are friendly and supportive, and our students' achievements are wide ranging. Informatics students have recently received funding for start-ups including an automated video production studio, an artificial intelligence parcel management tracking system, and an intelligent medication tracker, and two of our students were included in the Code First: Girls Ones to Watch 2018 list of the top 25 UK women under 30 in tech.'*

**Dr Elizabeth Black**  
Senior Lecturer  
Department of Informatics

## How to apply

Apply online at [ucas.com](https://ucas.com) UCAS institution code: K60

## Entry requirements

Please visit [kcl.ac.uk/study](https://kcl.ac.uk/study) for current entry requirements.

## Student societies

The department has a number of very active student societies, including the **KCL Tech Society**, the **King's Robotics Society**, **Data Science Society** and **KCL Cyber Security Society**. The societies run social activities, events and career talks, providing students with the opportunity to make valuable connections with industry. KCL Tech have run a number of highly successful hackathons, including HackLondon, bringing students and recent graduates interested in technology from all over Europe together to learn, build and share.



## A year in industry

Our year in industry is a great way to enhance your CV with valuable experience in the workplace, allowing you to put what you have learned in your degree into practice in the real world. All placements are paid; our students earn a minimum of £15,000 for their placement year.\*

A very high proportion of students are offered jobs in these companies when they graduate, indicating the success of the scheme.

In the 2017–18 cohort, 100 per cent of students received job offers after their placements, indicating the success of the scheme so far. Examples of companies that students have worked for while on the scheme are JP Morgan, GlaxoSmithKline, Amazon, Viagogo, General Electric, IBM and Sony.

Students remain enrolled as a student at the university and receive dedicated faculty support. Whilst on placement they are visited by the Faculty Placement Coordinator and are kept in close contact with the university. To help secure their placement, students are given careers guidance, individual CV support and employer led skills workshops. Students will pay a significantly reduced tuition fee for the placement year (£1,350 for home students; £4,780 for international students)

\*Students will continue to be supported by the university and will pay a significantly reduced tuition fee for the placement year.

## Careers and employability

The careers service and the department run a programme aimed specifically at Informatics students. Regular sessions, co-hosted with top employers, focus on skills in a variety of practical areas. The department also hosts mentoring evenings twice a year for students to build relationships directly with our former students in industry. Our alumni are currently working in companies including Credit Suisse, Thomson Reuters, Deloitte, AEG Europe, Deutsche Bank and tech start-ups.

## Women in science

The Faculty of Natural & Mathematical Sciences and Department of Informatics at King's are dedicated to supporting the careers of women to address the imbalance of women studying and working in science, technology, engineering and mathematics. Our goal is to create a fair and inclusive environment for all staff and students, so that everyone has the support and opportunities they need to achieve their full potential. The faculty offers a number of competitive scholarships for home/EU female undergraduates worth £3,000 over the course of study.

To find out more go to [kcl.ac.uk/nms](https://kcl.ac.uk/nms)