UNIVERSITY OF BIRMINGHAM DUBAI

MSc COMPUTER SCIENCE – 1 YEAR

Computer Science at the University of Birmingham dates back to the 1950s. We provide specialist teaching and conduct cutting-edge research in many areas including Intelligent Systems (Machine Learning and Robotics), Cyber Security, Theoretical Computer Science and Human-Centred Computing. Our academic community consists of people working at the forefront of their subjects.

What will you study?

This programme is typically suitable for students with a first degree in a subject other than computing. It is designed to give a grounding in both the fundamentals of computer science and practical software development skills. It opens the doors to exciting new career opportunities in computer science and information technology. On a case-to-case basis, we will consider applicants holding a first degree in a computing-related subject for admission on this programme.

The content of the programme consists of a number of core modules and a project. Projects vary from applied software engineering through to work that is linked to our research groups (**www.cs.bham.ac.uk/research**). Naturally, all projects involve the development of a large software system or solution.

93%
GRADUATE EMPLOYABILITY*

*Destinations of Leavers from Higher Education 2016/17

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Module themes:

Module themes covered include: Programming, Databases, Data Structures, Operating Systems and Networks, Software Engineering, Introduction to Artificial Intelligence and Human-Computer Interaction.

How will you be taught?

- Our highly regarded teaching employs a mixture of lectures, tutorials, exercise classes, lab work, projects and independent study
- There is a strong emphasis on project work within your study
- Assessment methods include examinations, essays, oral and poster presentations, computer-based tests, marked exercises, class tests and laboratory and project reports

Why study with us?

- Birmingham is a global top 100 university and is the first of the UK's prestigious Russell Group universities to open a campus in Dubai.
- Computer Science academics with extensive research and teaching expertise will be based in Dubai, and will work alongside colleagues from the UK campus.
- You will become part of a global School of Computer Science, which consists of students from across the world.
- Career prospects are high – the broad range of skills you will gain means you could choose to work for a technology consultancy or a global IT company. You may also choose to pursue opportunities in investment and banking, software development, finance, or join one of many emerging start-up companies.
- Our research feeds directly into our teaching, ensuring your programme includes the latest developments in computer science.

Graduate career destinations have included:

- Accenture
- Apple
- BUPA
- Expedia.com
- Goldman Sachs
- Google
- HP
- IBM
- PwC

8TH

WE ARE RANKED 8TH IN THE UK

ACCORDING TO *THE TIMES AND THE SUNDAY TIMES GOOD UNIVERSITY GUIDE 2018*

Get in touch

If you would like to talk to us, or be added to our Applicant Facebook Group, please contact:

eps-dubai-admissions@contacts.bham.ac.uk

'We are proud to offer the same high-quality curriculum and teaching of our MSc Computer Science programme in our Dubai campus. We look forward to welcoming students embarking on their exciting journey and working with them in their education and training in Computer Science with the University of Birmingham.'

Dr Kashif Rajpoot, Programme Director for Computer Science.

For details on entry requirements, fees and how to apply, please visit our webpages: **www.birmingham.ac.uk/dubai-study**