



Digital Forensics MSc

www.cranfield.ac.uk/digitalforensics



Over 90% of crime is now recognised as having a digital element and the UK Government has stated that digital forensic science sits at the heart of delivering justice in the 21st century, spanning the entire criminal justice system from crime scene to courtroom.

The new Digital Forensics MSc, offered by Cranfield University in partnership with CCL Solutions Group, (CCL) will seek to address the academically-orientated operational needs of UK policing and serious skills shortage of educated and trained individuals in the field to fill digital forensic positions and support the UK's criminal justice system.

Who is it for?

Digital forensics is becoming one of the most critical fields within forensic science. As such, the Digital Forensics MSc will help equip students with the necessary understanding of digital forensic science, courtroom skills and research methods to prepare them to practise as digital forensic professionals.

Exposure to up-to-date research targeted at addressing current real-world problems means that students will not just be academically prepared to enter the digital forensics field, but practically prepared for it too.

Your career

The programme offers a highly effective springboard into many career opportunities. These include employment routes to government and non-governmental bodies, police departments and independent digital forensic consultants. It is also a necessary introduction that leads into conducting research at PhD level in the subject. This MSc could be an important stepping-stone to an academic career in Digital Forensics.

Cranfield Careers and Employability Service

Cranfield's Career Service is dedicated to helping you meet your career aspirations. You will have access to career coaching and advice, CV development, interview practice, access to hundreds of available jobs via our Symplicity platform and opportunities to meet recruiting employers at our careers fairs. Our strong reputation and links with potential employers provide you with outstanding opportunities to secure interesting jobs and develop successful careers. Support continues after graduation and as a Cranfield alumnus, you have free life-long access to a range of career resources to help you continue your education and enhance your career.

Overview

Start date

October

Duration

MSc: 13 months full-time, up to 3 years part-time, PgDip/
PgCert: up to 12 months full-time, 2 years part-time

Qualification

MSc, PgDip, PgCert

Study type

Full-time / Part-time

Structure

Traditional lectures, computer-based practical exercises and independent study

Campus

Cranfield campus

Entry requirements

A first- or second-class Honours BSc or equivalent in Computer Science, Digital Forensics, Information Security, Forensic Science. Students with other degrees who can show a knowledge of and interest in the subject will also be considered. These might include graduates working in relevant professional fields of study, including forensic science, information technology, forensic engineering, and law.

For those applicants looking to apply through the experiential route, then you will require at least seven years' experience as a practitioner in e.g., digital forensics, information technology or forensic science.

Fees

Please see www.cranfield.ac.uk/fees for detailed information about fee status, full-time and part-time fees as well as deposit requirements and bursary and scholarship information.

Course details

The key aims of the course are to:

- Provide students with an understanding of how digital forensic science can be used to help resolve issues in relation to civil and criminal law,
- help equip students new to the field with the necessary understanding of digital forensic science, courtroom skills and research methods in order to prepare them to practise as digital forensic professionals and
- enhance and develop existing practitioners' knowledge and skills through in-depth academic research guided by acknowledged experts

Modules

Keeping our courses up-to-date and current requires constant innovation and change. The modules we offer reflect the needs of business and industry and the research interests of our staff. As a result, they may change or be withdrawn due to research developments, legislation changes or for a variety of other reasons. Changes may also be designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

To give you a taster, we have listed below the compulsory and elective (where applicable) modules which are currently affiliated with this course. All modules are indicative only, and may be subject to change for your year of entry

Compulsory modules

All the modules in the following list need to be taken as part of this course.

Introductory Studies

Digital Forensic Techniques and Traces

Introduction to Digital Crime and Investigation

Internet Based Investigations

Programming for Digital Forensics

Mobile Device Forensics

Investigation and Evidence Collection

Courtroom Skills

Thesis

Accreditation

The Digital Forensics MSc is accredited by BCS, The Chartered Institute for IT for the purposes of partially meeting the academic requirement for registration as a Chartered IT Professional.



Term dates

Orientation Week:

September 2024 – October 2024

Term One:

October 2024 – December 2024

Term Two:

January 2025 – March 2025

Term Three:

April 2025 – July 2025

Term Four:

July 2025 – September 2025

Class profile 2023/24

Gender:

Male 43% - Female 57%

Age range:

20 - 40 years

Number of nationalities:

6

Nationality:

UK/EU: 29% - International: 71%

Class size:

7

For more information contact our Admissions Team:
T: +44 (0)1793 785220

Visit campus for yourself and meet current students and our academics at our next Open Day:
www.cranfield.ac.uk/penday

February 2024

Every effort is made to ensure that the information provided here is correct at the time it is published. Please check our website for the latest information.