Computer Forensic Investigation BSc (Hons)

College of Engineering and Technology

UNIVERSITY of **DERBY**

www.derby.ac.uk/engineering-technology

Where you'll study:
Derby Campus, Kedleston Road

UCAS code: F490

Entry requirements: 260 UCAS points.

Duration and mode of study: Four years full-time, including a placement year

Fees: £9,000 per year.

Start date: September

Why choose this course?

Computer forensics and digital investigation have become crucial functions in most businesses today. Computer forensics is the investigation of computers and other digital devices to find evidence that may point to particular misuse or criminal activity.

About the course

The Computer Forensic Investigation course has been designed to cover all of the areas relevant to this type of investigation. You'll explore legal aspects of computer forensics, the skills required to investigate a variety of digital devices and the issues relating to cybercrime, computer misuse and computer security.

Teaching and learning

Throughout the course you'll gain knowledge and will develop the skills that the industry requires while studying in our state-of-the-art facilities. You'll also spend a year on placement in industry working alongside industry professionals which will enhance your career prospects and give you a distinct advantage in the job market. Each module is delivered through a mixture of lectures and laboratory tutorials which involve the use of dedicated hardware and software.

Assessment

Assessment is almost entirely via coursework. A small number of tests in the first and second years are computer-based. In the final year there are no examinations but one-third of the assessment is based on a personal project.

Study modules

During the first year, you'll cover core computing disciplines. This will prepare you for the in-depth study of specific subject areas in the second and final years, including digital forensic and network investigation.

> "The course has taught me the practical skills and theory I have needed in my day to day job in forensic analysis.
>
> **Kyle Straw**
> Computer Forensic
> Investigation student

In the final year you'll complete an independent study with a clear emphasis on forensic investigation. You'll also undertake a full digital investigation and will examine how computer forensics can be an integral part of making business decisions.

Stage one

You'll study these modules:

- Computational Mathematics
- Foundations of Computer Science
- Introduction to Computer Science
- Programming 1
- Subjects in Computer Science
- Programming 2

Stage two

- Databases
- Digital Forensic Investigation
- Networks and Security
- Network Investigation
- Team Project
- The Problem of Proof

Placement year

Stage three

- Advanced Digital Forensic Investigation
- Cryptography and Coding
- Independent Studies
- Information Security and Assurance
- Systems Programming

Your career

This rapidly growing discipline offers exciting career opportunities in many areas of computing including systems investigation, systems management and law enforcement. Areas you could work in include accounting and computerised investigations, computer systems management, e-forensic solutions, government agencies, the police and security.

Athena
SWAN
Member

The University is a member of the Athena SWAN Charter which promotes and rewards good employment practice in the recruitment, retention and progression of female academics in STEM.

Contact

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