



Cyber Security Programmes

Designed to Provide What You Need

This programme has been designed to meet the requirements of the current and next generation of IT security specialists. It blends world class academic teaching and the latest industry knowledge to deliver a comprehensive cutting edge programme. There are two routes open for students, a two year part time Masters Degree route or a Postgraduate Certificate route. Both routes have been designed specifically for students who wish to remain in work while they study. The overall aim of these programmes is to equip students with the knowledge and skills necessary to understand the security challenges that businesses face in an ever increasingly risky online world.

The Masters Degree Route (£3125 per annum for two years)

The Masters route is composed of eight taught modules and a research dissertation split over two years. It would benefit those for whom Information Security is an important part of their current or future role. In it students will cover a full range of topics from Hacking and Forensics, to Law and Psychology. This programme will provide all the tools and skills required to become a cutting edge Cyber Security Specialist. Course titles are:

- Information System Security Management,
- Information System Penetration and Countermeasures,
- Information System Forensic Investigation,
- Information System Risk Management,
- Cybercrime,
- Introduction to Law for Cyber Security Specialists,
- Network and System Security,
- Crime and Criminal Behaviour.

The Postgraduate Certificate Route (£2950)

The Certificate route is ideal for those that want to incorporate security training into their continuing professional development programme, but who do not wish to commit to the Masters route. It combines core education in security and risk management, systems penetration and an option to study Law or Cybercrime. Course titles are:

- Information System Security Management,
- Information System Penetration and Countermeasures,
- Information System Risk Management,
- **Choose from** Cybercrime **or** Introduction to Law for Cyber Security Specialists.

Certification Backing

Elements of the technical curriculum build upon well established and recognised certification programmes such as **CISSP (Certified Information Systems Security Professional)**, **CEH (Certified Ethical Hacker)** and **CHFI (Computer Hacking Forensic Investigator)** therefore giving successful students the opportunity to go on and gain industry-recognised qualifications. Students will also benefit from the development of skills that are essential for someone working within IT security such as; Advanced problem solving and planning skills, Critical self-reflection, Research and investigative skills, and an Ability to synthesise and evaluate complex information.

Are You Interested?

Please visit our website at <http://www.lancaster.ac.uk/ictfocus> or email us at ictfocus@lancaster.ac.uk. If you prefer to talk to someone in person then ring us on 01524 510425 to discuss the programme details with us. If you already like what you see and want to sign up now please go to <http://www.pgapps.lancs.ac.uk>.