



University College Dublin
Ireland's Global University

COURSE CODE:
T146

MSc Forensic Computing & Cybercrime Investigation

(Distance Learning) (1 Year Full Time/Two Years Part Time)

This is a programme for law enforcement. It aims to provide high quality forensic computing and cybercrime investigation training and formal education. It is also designed to deliver cutting-edge, up-to-date cybercrime investigation techniques, strategies and tactics that allow students to understand and tackle emerging trends in cybercrime. Over the past 10 years we brought in specialists from around the world to review and advise on the content considering the needs of digital forensic investigators and computer crime specialists. The UCD School of Computer Science (CS) and UCD Centre for Cybersecurity and Cybercrime Investigation (CCI) are working closely with law enforcement agencies and industry practitioners in seeking solutions to technologies-related crime. CS and CCI staff also collaborate with the scientists from European Cybercrime Training and Educational Group at Europol (ECTEG).



Course Content and Structure

90 credits taught masters = **90 credits** taught modules **or** **80 credits** taught modules **10 credit** case study **or** **60 credits** taught modules **30 credit** research project

Lectures are pre-recorded and provided online via a virtual online learning environment, allowing you to participate from your home or office and attend UCD only for examinations each year in Dublin, the Netherlands or the USA.

Core Modules.

MSc candidates are encouraged to take the following modules in their first year:

- Computer Forensics
- Network Investigations

Optional modules include:

- Financial Investigation Techniques – Following the Money
- Programming for Investigators
- Malware Investigations
- Mobile Device Investigations
- Live Data Forensics
- Linux for Investigators
- Advanced Scripting
- VoIP and Wireless Investigations
- OSINT Collection and Analysis
- Online Child Abuse Investigations
- Advanced Computer Forensics
- Data and Database Forensics
- Advanced Malware Analysis
- Case Study
- Research Project

Modules and topics shown are subject to change and are not guaranteed by UCD.

APPLY NOW

This programme receives significant interest so please apply early online at www.ucd.ie/apply



Entry Requirements

- This programme is restricted to LAW ENFORCEMENT (LE) ONLY. Applicants must be working in an investigative role in an organisation that has responsibility for the enforcement of national or local legislation, including police, revenue & customs, border security, military, etc.
- Applicants to the programme must have five years' experience in LE OR a degree in computing/policing studies/related discipline OR two years' LE experience in Digital Forensics/Cybercrime Investigation OR have completed three modules from the programme with average grade, B- or above.
- Applicants whose first language is not English must also demonstrate English language proficiency of IELTS 6.5 (no band less than 6.0 in each element), or equivalent, such as TOEFL (iBT) score of 90 or PTE score of 63.



Career Opportunities

For law enforcement officers, having this qualification has the additional advantage of adding credibility to their testimony as expert witnesses. Career development possibilities in this field are excellent. Graduates include senior staff at Europol and INTERPOL, members of national and regional police forces and police training colleges, government ministries and agencies with Law Enforcement (LE) powers, defence forces, specialist cybercrime agencies, revenue, customs and border protection.

Graduate Profile

Jason Hunsaker, Chandler Police Arizona

The modules provide very practical application to my current job functions. The exposure to new disciplines has sparked an interest and given me a great foundation on which to build to be more effective in my current position as well as the potential for future opportunities.

EU ENQUIRIES

Dr Nhien-An Le-Khac ✉: an.lekhac@ucd.ie
www.ucd.ie/courses/msc-forensic-computing-cybercrime

NON-EU ENQUIRIES

✉: internationaladmissions@ucd.ie
www.ucd.ie/global