



## Northumbria University (London)

### MSc Cyber Security Technology

#### Study details

**Course type:** Master's degree

**Degree:** MSc Cyber Security Technology

**Study mode:** Part time

**Duration:** 24 Month

#### Cost of study

**Cost :** 10 460 GBP

**Reg. fee :** N/A GBP

**Scholarship :**

**Insurance :** N/A GBP

#### Intake/s

jan/May/Sep

#### Requirements

##### Academic requirements

- Minimum 2:2 honours degree, or equivalent, from a recognised university in any subject
- Bachelor Degree (4 Years)
- GPA of around 2.75/4.0 for courses requiring a UK 2:2 equivalent
- CGPA 3.2/4 or 4.0/5 for courses requiring a 2:1 equivalent

##### English language requirements

- IELTS 6.5 (or above) with no single element below 5.5 or equivalent.

##### If you don't meet the academic requirements

Applicants with non-standard prior learning and or relevant work experience and training are encouraged to apply. A CV (curriculum vitae) made up of prior work experience and training would need to be submitted for consideration by our faculty alongside the standard application.

Candidates coming through the non-standard route, such as through relevant work experience or old qualifications, will be invited to discuss their application.

All applications will be considered on an individual basis.

##### Accommodation

Please note that your tuition fees do not include the cost of course books that you may choose to purchase, stationery, printing and photocopying, accommodation, living expenses, travel or any other extracurricular activities. As a Northumbria University London Campus student, you will have full access to our online digital library with over 400,000 e-books and 50,000 electronic journals.

Your tuition fees cover far more than your time in class with our expert academics, it covers the cost of providing you with excellent services and student experience.

- Contact time in class – typically in lectures, seminars and tutorials
- Access to facilities, including computers, on-campus Wi-Fi, printers, vending machines, quiet study spaces
- The support of our Careers & Employment Service who help you to become more employable, secure placements and run workshops
- Academic support – our ACE Team run multiple sessions on academic writing, presenting, exam techniques throughout the semester, as well as 1-2-1 appointments and drop-in sessions
- Student support services such as our Ask4Help Service. Find out more about the services available to you on our Student Support page
- Access to online resources, including 24/ 7 Library with over 400,000 e-books and 50,000 electronic journals.

## Additional information

### Overview

This MSc will provide you with a recognised postgraduate qualification in Cyber Security Technology. The programme is designed specifically to enable you to update, extend and deepen your knowledge in Cyber Security and related technology and wider digital leadership and technology subjects, in order to enhance and accelerate your career opportunities.

The programme has been designed for those who have an undergraduate degree in any discipline who wish to study for a qualification which focuses on cyber security. The MSc in Cyber Security Technology is ideally suited to those who have no prior learning in cyber security, the modular content is reflective of this strategy.

### Key facts

- Designed for those wishing to develop or accelerate a career in Cyber Security and Management of Cyber Security
- Work-related assessment wherever possible designed to deliver impact into your organisation
- Develop an understanding of the architectures and security concepts relevant to cloud computing and data storage
- Northumbria University is recognised as a Centre of Excellence in Cyber Security Research (ACEs-CSR) by the National Cyber Security Centre

- Structured professional practice support for career development or transition, including a career review and development plan
- Delivered over 2 years in Part-Time mode, equivalent to 14 weekends with supporting online or face-to-face tutorials as required
- Also available full-time, or as MSc Cyber Security Technology with Advanced Practice which includes an internship, consultancy project or research project.

## What will I study?

The MSc Cyber Security Technology programme is designed specifically to enable you to update, extend and deepen your knowledge in cyber security technology and wider digital leadership and technology subjects, in order to enhance and accelerate your career opportunities.

By completing the MSc in Cyber Security Technology you will be able to demonstrate capabilities in the areas of Digital Leadership, Information Governance and Cyber Security, Cloud and Big Data Security, Introduction to Computer Networks Security, Computer Networks and Security, Research Methods for Professional Practice and Computing and Digital Technologies Project.

As you progress through the programme, you develop as an up to date, well rounded and outward-looking professional capable of taking responsibility for and effectively leading cyber security and technology projects and people, capable of making good decisions and improving the performance of yourself, your people, your areas of responsibility and your organisation.

The programme recognises that as an aspiring cyber security technology professional you are required to develop competencies in a range of specific cyber techniques alongside softer skills in areas such as leadership, communication, problem solving and commercial reasoning.

By successfully completing your programme you will have not only have demonstrated mastery of these skills but alongside the development of your personal practice your ability to impact personal and organisational performance. It is the combination of these factors that will advance your personal development and enhance your career opportunities.

## How will I be taught and assessed?

- You'll be taught using a range of methods such as **workshops, tutorials, directed study and discussion forums**.
- You will be encouraged by your tutor to **integrate your work practice in the module content** and development of assessments.
- For each module, you can expect **24 hours** (for theoretical modules) or **30 hours** (for technical modules) of overall contact time delivered through interactive workshops and face-to-face classroom sessions.
- To support independent learning, you will be provided with direction from your module tutor. Throughout the 10-week module delivery, you will be expected to engage with the module content.
- You will also be expected to **engage in independent study**, around 170-176 hours for each module. This will be supported by your module tutor and will consist of pre-class reading preparation, research, assessment preparation, development and writing as well as skills development and online tests and quizzes.
- The assessment for this programme is **100% coursework**.
- **Technology Enhanced Learning (TEL)** is embedded throughout the course with tools such as the 'Blackboard' eLearning Portal and electronic reading lists that will guide your preparation for seminars

and independent research.

- We offer extensive [student support](#) in and outside of the classroom with a dedicated student support team based in London.

## Careers and further study

The qualification is designed to accelerate your skills and competence in a range of job roles, including roles in

- Leadership and Management in IT
- Cyber Security Engineer
- Cyber Security Analyst
- Cyber Security Consultant
- IT Security and Support Manager
- Information Security Professional
- Business Analyst.

In addition, the specialist modules provide opportunities to develop your career in roles such as Big Data Security Analyst and Big Data Developer and also for a career in the networking field such as Network Analyst, Network Solution Architect, Network Engineer, Network Specialist and Network Manager.