

# Birmingham City University (BCU)

[www.bcu.ac.uk](http://www.bcu.ac.uk)

## MSc Cyber Security

**Location:** Birmingham

**Start:** September, January

**Duration:** 1 year

**Tuition Fees:** £17,710

**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

### Modules

**In order to complete this course a student must successfully complete all the following CORE modules (totalling 180 credits):**

- Digital Forensics - 20 credits
- Advanced Ethical Hacking - 20 credits
- Research Methods and Project Management - 20 credits
- Cyber-Physical Systems Security - 20 credits
- Information Security Governance - 20 credits
- Applied Machine Learning - 20 credits
- Individual Dissertation Project - 60 credits

#####

# University of the West of England (UWE Bristol)

[www.uwe.ac.uk](http://www.uwe.ac.uk)

## MSc Cyber Security

**Location:** Bristol

**Start:** September, January

**Duration:** 1 year

**Tuition Fees:** £16,750

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

### Content

- Computer and Network Security (30 credits)
- Information Risk Management (15 credits)
- Cyber Security Analytics (15 credits)
- IoT Systems Security (15 credits)
- Critical Systems Security (15 credits)
- Cyber Security Futures Emerging Trends and Challenges (15 credits)
- Digital Forensics for Cyber Security (15 credits)
- Cyber Security Research Paper (60 credits)

#####

# Coventry University

[www.coventry.ac.uk](http://www.coventry.ac.uk)

## MSc Cyber Security

**Location:** Coventry Campus

**Start:** September, January, May

**Duration:** 1 year

**Tuition Fees:** £20,050

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

### Modules:

- Ethical hacking - 15 credits
- Network security – 15 credits
- Secure design and development – 15 credits
- Cryptography – 15 credits
- Intrusion detection and response – 15 credits
- Digital data acquisition, recovery and analysis – 15 credits

- **Plus, one of the following pathways:** General Cyber Security, Automotive Cyber Security, Technical Cyber Security or Cyber Security Management
- Cyber security individual project – 60 credits

#####

## De Montfort University

[www.dmu.ac.uk](http://www.dmu.ac.uk)

### MSc Cyber Security

**Location:** Leicester

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £18,780

**Requirement:** IELTS 6.0 (5.5 each band)

#### Course modules:

- **Block 1:** Foundation of Cyber Security and Engineering
- **Block 2:** Cyber Threat Intelligence and Network Security
- **Block 3:** Malware Analysis, Penetration Testing and Incident Response
- **Block 4:** Digital Forensics with Legal, Ethical and Research Methods
- **Block 5 & 6:** PGT Project

### MSc Cyber Technology

**Location:** Leicester

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £18,780

**Requirement:** IELTS 6.0 (5.5 each band)

#### Course modules:

##### Compulsory

- Legal, Ethical and Professional Practice and Research Methods
- MSc Project/Dissertation

##### Artificial Intelligence

- AI Programming
- Machine Learning
- Foundations of AI
- AI for Security
- Computer Vision
- Artificial Neural Networks
- MSc Project/Dissertation

##### Cyber Security

- Foundations of Cyber Security
- Cyber Threat Intelligence
- Host and Network Security
- Penetration Testing and Incident Response
- Cyber Engineering
- Digital Forensics Principles and Practice
- Malware Analysis
- Advanced Research Topics in Cyber Technology

##### Software Engineering

- Internet of Things
- Software Quality Assurance and Testing
- Requirements Analysis and Cloud-based System Design
- Critical Systems
- High Assurance System Design
- Modern Programming Techniques
- Semantic Technologies

#####

# University of East Anglia (UEA)

[www.uea.ac.uk](http://www.uea.ac.uk)

## MSc Cyber Security

**Location:** Norwich

**Start:** January

**Duration:** 1 year

**Tuition Fees:** £22,900

**English requirement:** UKVI IELTS 6.5 (minimum 6.0 in all component)

### Course Modules

#### COMPULSORY MODULES

- INTRODUCTION TO CYBER SECURITY
- INTERNET LAW AND GOVERNANCE
- DISSERTATION
- CYBER SECURITY IN INDUSTRIAL SETTINGS

#### OPTIONAL A MODULES (Credits: 20)

- HUMAN COMPUTER INTERACTION
- ADVANCED PROGRAMMING
- APPLICATIONS PROGRAMMING
- AUDIO AND VISUAL PROCESSING

#### OPTIONAL B MODULES (Credits: 40)

- DEVELOPING SECURE SOFTWARE
- NETWORK SECURITY AND IOT
- THE PROTECTION AND MANAGEMENT OF PRIVACY AND REPUTATION

#####

# University of East London (UEL)

[www.uel.ac.uk](http://www.uel.ac.uk)

## MSc Cyber Diplomacy

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £15,960

**English requirement:** UKVI IELTS 6.0 (with minimum 6.0 in Writing and Speaking, and 5.5 in Listening and Reading)

### Course content

#### Core Modules

- Security Management
- International Cyber-Conflict
- IT & Internet Law
- Cyber Defence Diplomacy
- Mental Wealth; Professional Life (Dissertation)

## MSc Cyber Security Engineering

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £15,960

**English requirement:** UKVI IELTS 6.0 (with minimum 6.0 in Writing and Speaking, and 5.5 in Listening and Reading)

### Course content

#### Core Modules

- Mental Wealth; Professional Life (Dissertation)
- Internet of Things Systems
- Digital Forensics
- Wireless Signal Propagation
- Hardware Security

#####

## MSc Cyber Security Analytics

**Location:** Exeter

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £27,500

**English requirement:** UKVI IELTS 6.5 (with no less than 6.0 in writing and no less than 5.5 in any other section)

### Modules

#### Compulsory modules

Code	Module	Credits
<b>CYBER MODULES (Select 30 credits)</b>		
ECMM462	Fundamentals of Security	15
ECMM463	Building Secure and Trustworthy Systems	15
<b>DATA SCIENCE / ANALYTICS MODULES (Select 30 credits)</b>		
ECMM443	Introduction to Data Science	15
ECMM444	Fundamentals of Data Science	15
<b>PROJECT</b>		
ECMM465	Cyber Security Analytics Research Project	60

#### Optional modules

Code	Module	Credits
<b>CYBER MODULES (Select 30 credits)</b>		
ECMM464	Security Assessment and Validation	15
LAWM116	The International Law of Cyber Operations	30
LAWM129	Human Rights and Modern Technologies	30
BEE3109	Bitcoin, Money and Trust	15
SOCM033	Data Governance and Ethics	15
<b>DATA SCIENCE / ANALYTICS MODULES (Select 30 credits)</b>		
COMM511	Statistical Data Modelling	15
ECMM422	Machine Learning	15
ECMM423	Evolutionary Computation & Optimisation	15
ECMM445	Learning From Data	15
ECMM450	Stochastic Processes	15

ECMM461	High Performance Computing	15
MTHM508	Bayesian Philosophy and Methods in Data Science	15

#####

## Glasgow Caledonian University (GCU)

[www.gcu.ac.uk](http://www.gcu.ac.uk)

### MSc Cyber Security

**Location:** Glasgow Campus

**Start:** September, January

**Duration:** 1 year

**Tuition Fees:** £18,800

**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

#### Module information

##### Trimester A module

- Fundamentals of Routing and Switching
- Cyber Defence and Penetration Testing
- Research and Project Methods (A B)
- Secure Operations

##### Trimester B module

- Cyber Forensics and Incident Response
- Information Security Management
- Network Security
- Secure Connectivity

##### Trimester C modules

- Master's Project

#####

## University of Greenwich

[www.gre.ac.uk](http://www.gre.ac.uk)

### MSc Computer Forensics and Cyber Security

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £18,150

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

#### Course content

**Students are required to study the following compulsory modules.**

- MSc Project (60 credits)
- Cyber Security (15 credits)
- Audit and Security (15 credits)
- System Administration and Security (15 credits)
- Cyber Crime and Digital Forensics (15 credits)
- Managing IT Security and Risk (15 credits)
- Network and Internet Technology and Design (15 credits)
- Essential Professional and Academic Skills for Masters Students

**Students are required to choose 15 credits from this list of options.**

- Mobile Application Development (15 credits)
- Software Tools and Techniques (15 credits)
- Advanced Database Technologies (15 credits)

**Students are required to choose 15 credits from this list of options.**

- Network Architectures and Services (15 credits)
- Penetration Testing (15 credits)
- Wireless and Mobile Technologies (15 credits)

#####

## MSc Cyber Security

**Location:** Liverpool

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £18,250

**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

### Course content

#### Core modules

- Research Methods - 20 credits
- Computer Security - 20 credits
- Network Security - 20 credits
- Project Dissertation - 60 credits
- Information Security Management - 20 credits
- Ethical Hacking - 20 credits
- Secure Systems - 20 credits

#####

# Middlesex University

## MSc Cyber Security and Pen Testing

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £17,300

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

### Modules

- Computer Networks and Internetworking (15 Credits) - Compulsory
- Operating Systems and Application Environments (15 Credits) - Compulsory
- Security Solutions and Applications (30 Credits) - Compulsory
- Penetration Testing and Forensics (30 Credits) - Compulsory
- Network Security and Mechanisms (15 Credits) - Compulsory
- Cyber Security and Legal Regulations (15 Credits) - Compulsory
- Individual PG Project (60 Credits) - Compulsory

## MSc Cybercrime and Digital Investigation

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £17,600

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

### Modules

We've made temporary changes to some course modules for students starting in 2020 in response to the coronavirus outbreak. If you're applying to start this course or progressing into year one, two or three this autumn, there's info on these updates below.

Each module is typically worth 20-30 credits except the Dissertation and Work Integrated Learning, which are worth 60 credits. Work Integrated Learning may be chosen to replace the Dissertation with prior agreement.

#### Core modules

- Digital Forensics and Incident Management (15 credits) - Compulsory
- Financial Crime Risks from Emerging Technologies (15 credits) - Compulsory
- Blockchain Anatomy and Analytics (15 credits) - Compulsory
- Open-source intelligence Techniques (15 credits) - Compulsory
- Cybercrime and Society (15 credits) - Compulsory
- Text Mining and Analysis (15 credits) - Compulsory
- Research Strategies in Social Sciences (15 credits) - Compulsory

#### Optional modules

- Advanced Research Strategies (15 credits) - Optional

- Drugs and Crime (15 credits) - Optional
- Political Violence and Terrorism (15 credits) - Optional
- Cybercultures and Crime (15 credits) - Optional
- Choose one of the following modules
- Dissertation (60 credits) - Compulsory
- Work Based Experience (60 credits) – Compulsory

#####

## Newcastle University

[www.ncl.ac.uk](http://www.ncl.ac.uk)

### MSc Cyber Security

**Location:** Newcastle

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £30,600

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

#### Modules

Compulsory Modules	Credits
Information Security and Cryptography	10
Secure Software Development	10
Security of Complex Systems	10
Research Methods and Group Project in Security and Resilience	20
Project and Dissertation in Cyber Security	60
Advanced Topics in Cyber Security	10
Systems Security	20
Network Security and Ethical Hacking	20
Risk and Trust Management	10

#####

## University of Nottingham

[www.nottingham.ac.uk](http://www.nottingham.ac.uk)

### MSc Cyber Physical Systems

**Location:** Nottingham

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £28,600

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

#### Course content:

You will study a total of 180 credits, split across 120 credits of compulsory and optional modules plus a 60 credit individual project.

#### Cyber Security pathway

##### Core modules

- Autonomous Robotic Systems - 20 credits
- Designing Sensor-Based Systems - 20 credits
- Research Methods - 20 credits
- Research Project - 60 credits

##### Optional modules

- Linear and Discrete Optimisation - 20 credits
- Advanced Computer Networks - 20 credits
- Advanced Algorithms and Data Structures - 10 credits
- Project in Advanced Algorithms and Data Structures - 10 credits
- Machine Learning - 20 credits
- Data Science with Machine Learning - 20 credits
- Handling Uncertainty with Fuzzy Sets and Fuzzy Systems - 20 credits
- Simulation and Optimisation for Decision Support - 20 credits
- Mixed Reality Technologies - 20 credits

- Games - 20 credits
- Big Data Learning and Technologies - 20 credits
- Cyber Security - 10 credits
- Malware Analysis - 10 credits
- Topical Trends in Cyber Security - 10 credit

#####

## Nottingham Trent University

[www.ntu.ac.uk](http://www.ntu.ac.uk)

### MSc Cyber Security

**Location:** Nottingham

**Start:** September, January

**Duration:** 1 year

**Tuition Fees:** £19,100

**English requirement:** UKVI IELTS 6.5 (with minimum of 5.5 in each Component)

#### Modules

- Information Security Management (20 cp)
- Computer Forensics (20 cp)
- Computer Security (20 cp)
- Internet Programming (20 cp)
- Network and Cloud Security (20 cp)
- Research Methods (20 cp)
- Major Project (60 cp)

### MSc Cyberpsychology

**Location:** Nottingham

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £17,500

**English requirement:** UKVI IELTS 6.5 (with minimum of 5.5 in each Component)

#### Modules

##### Core modules

- Applied Psychology of Digital Technologies
- Psychology of Cyberspace and Online Behaviours
- Online Deviance

##### Research Skills for Cyberpsychology

- Practice in Cyberpsychology
- Professional Skills
- Research Project

#####

## Northumbria University

[www.northumbria.ac.uk](http://www.northumbria.ac.uk)

### LLM Law (Cyber Law)

**Location:** Newcastle

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £18,250

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

#### Modules

- GD7000 - Academic Language Skills for PG Law Students (Core – for International and EU students only,0 Credits)
- LW7039 - Intellectual Property (Core,20 Credits)
- LW7088 - Research for Advanced Legal Studies (Core,20 Credits)
- LW7089 - Legal Research Project (LLM Framework) (Core,60 Credits)
- LW7097 - Cyber, Space and Telecommunications: The Global Context (Core,20 Credits)
- LW7098 - Cyber Law (Core,20 Credits)
- LW7100 - The Law of Data Management (Core,20 Credits)
- LW7101 - Artificial Intelligence, Robotics and the Law (Core,20 Credits)



# University of Portsmouth

[www.port.ac.uk](http://www.port.ac.uk)

## MSc Cyber Security and Forensic Information Technology

**Location:** Portsmouth

**Start:** September, January

**Duration:** 1 year (September), 16 months (January)

**Tuition Fees:** £19,200

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

### Modules

**On this full-time MSc Cyber Security and Forensic Information Technology course, you'll study 4 core modules, and choose a further optional module.**

- Computer Forensic Investigation and Cryptography - 30 credits
- Mobile Forensics Issues and Practice - 30 credits
- Systems Security and Hacking - 30 credits
- Masters Project computer science - 60 credits

#####

# Royal Holloway University of London

[www.royalholloway.ac.uk](http://www.royalholloway.ac.uk)

## MSc Cyber Security Project Management

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £23,900

**Requirement:** IELTS 6.5 (no subscore lower than 5.5)

### Course structure

#### Core Modules

- Technology Innovation and Change Management
- Professional Practice
- Enterprise Cybersecurity and Data Analytics
- Project and Programme Management
- Information Risk Management and Governance
- Research Methods
- Project by Dissertation
- Academic Integrity

#####

# Staffordshire University

[www.staffs.ac.uk](http://www.staffs.ac.uk)

## MSc Computer Science (Cyber Security)

**Location:** Stoke-on-Trent, Staffordshire

**Start:** September, January

**Duration:** 13 months

**Tuition Fees:** £16,750

**Requirement:** IELTS 6.0 (5.5 ทุกแถบ)

### Course modules

#### Compulsory modules

- Cybercrime Forensic Analysis – 15 credits
- Digital Forensic Fundamentals – 15 credits
- Dissertation – 60 credits
- Mobile Forensics – 15 credits
- Operating System Security – 15 credits
- Penetration Testing – 15 credits
- Professional Secure Networks – 15 credits
- Research Methods – 15 credits

## Optional modules

- Advanced Communication Networks – 15 credits
- Cyber Operations – 15 credits

#####

# University of Sunderland

**Sunderland Campus:** [www.sunderland.ac.uk](http://www.sunderland.ac.uk)  
**London Campus:** <https://london.sunderland.ac.uk/>

## MSc Cybersecurity

**Location:** Sunderland Campus  
**Start:** September, January  
**Duration:** 1 year  
**Tuition Fees:** £15,000  
**Scholarship:** 900  
**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

### Modules

- Fundamentals of Cybersecurity (30 credits)
- Technology Management for Organisations (30 credits)
- Cyber Resilience and Incident Response (30 credits)
- Cybersecurity and User Experience Design (30 credits)
- Computing Masters Project (60 credits)

## MBA Cybersecurity

**Location:** London Campus  
**Start:** September, January  
**Duration:** 1 year  
**Tuition Fees:** £17,000  
**Scholarship:** 900  
**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

### Modules

#### Core knowledge modules

- Financial Management and Control (15 Credits)
- Strategic Management in an International Context (15 Credits)
- Professional Management and Leadership Development (30 Credits)
- Value Creation in Organisations - Managing Operations and Marketing (30 Credits)
- Fundamentals of Cybersecurity (30 Credits)
- MBA Project (60 Credits)

## MSc Applied Cybersecurity

**Location:** London Campus  
**Start:** September  
**Duration:** 2 years  
**Tuition Fees:** £17,400  
**Scholarship:** £900  
**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

### Modules

#### Year 1

#### Modules on this course include:

- Fundamentals of Cybersecurity (30 credits)
- Technology Management for Organisations (30 credits)
- Cyber Resilience and Incident Response (30 credits)
- Cybersecurity and User Experience Design (30 credits)

#### Year 2

#### Modules include:

- Computing Masters Placement (60 credits)
- Computing Masters Project (60 credits)

#####

**MSc Cyber Security**

**Location:** Surrey

**Start:** September, February

**Duration:** 1 year

**Tuition Fees:** £26,500

**English requirement:** UKVI IELTS 6.5 (with 6.0 in writing and 5.5 in each other element)

**Course content**

Module title	Status	Semester
ARCHITECTURAL THINKING FOR SECURITY	Optional	1
ASYMMETRIC CRYPTOGRAPHY	Compulsory	1
DATABASE SYSTEMS	Optional	1
INFORMATION SECURITY MANAGEMENT	Compulsory	1
SYMMETRIC CRYPTOGRAPHY	Compulsory	1
CLOUD COMPUTING	Optional	2
INFORMATION AND NETWORK SECURITY	Compulsory	2
INFORMATION SECURITY FOR BUSINESS AND GOVERNMENT	Optional	2
MULTIMEDIA SECURITY AND DIGITAL FORENSICS	Compulsory	2
SECURE SYSTEMS AND APPLICATIONS	Compulsory	2
MSC DISSERTATION	Core	Cross Year
MSC DISSERTATION	Core	Year-long

**Optional modules for Year 1 (full-time) - FHEQ Level 7**

Students must choose 2 out of 4 optional modules.

**MSc Criminology (Cybercrime and Cybersecurity)**

**Location:** Surrey

**Start:** October

**Duration:** 1 year

**Tuition Fees:** £21,000

**English requirement:** 1 year: UKVI IELTS 7.0 (with minimum of 6.0 in each Component)

**Course content**

Module title	Status	Semester
CRIMINOLOGICAL THEORIES	Compulsory	1
FIELD METHODS	Compulsory	1
INFORMATION SECURITY MANAGEMENT	Compulsory	1
SOCIAL DATA ANALYTICS	Compulsory	1
CRIME & OFFENDING	Compulsory	2
CYBERCRIME AND CYBERSECURITY	Compulsory	2
INFORMATION SECURITY FOR BUSINESS AND GOVERNMENT	Compulsory	2
LAW, SOCIETY & SOCIAL CONTROL	Compulsory	2
MASTERS DISSERTATION	Core	Year-long

#####

**MSc Cyber Security**

**Location:** Middlesbrough

**Start:** September, January

**Duration:** 1 year (September), 16 months (January)

**Tuition Fees:** £17,000

**English requirement:** UKVI IELTS 6.5 (with at least 6.0 in writing)

**Course structure**

**Core modules**

- Computing Masters Project
- Cyber Risk and Vulnerability Management
- Hacking the Human
- IoT Security
- IT Ethics and Law
- Mobile Systems and Cyber Security
- Network and Systems Security

### Advanced practice (2 year full-time MSc only)

- Internship

#####

## University of Westminster

[www.westminster.ac.uk](http://www.westminster.ac.uk)

### MSc Cyber Security and Forensics

**Location:** London

**Start:** September, January

**Duration:** 1 year

**Tuition Fees:** £17,000

**English requirement:** UKVI IELTS 6.5 (with at least 6.5 in writing and no element below 6.0)

#### Course structure

##### Core modules

- Cyber Security Evidence and Procedure
- Principles of Cyber Security
- Cyber Security and Forensics Project
- Principles of Digital Forensics
- Network Security Management

##### Option modules: Digital Forensics theme

- Digital Forensics and Incident Response
- Digital Forensics Applications

##### Option modules: Cyber Security theme

- Cyber Security Applications
- Cyber Security Threats and Countermeasures

#####

#### เอกสารที่ใช้ในการสมัครเรียน คือ

- Transcript
- ใบปริญญาบัตรจบ ป.ตรี (ถ้ามี)
- หนังสือรับรองการจบ (ถ้ายังไม่ได้รับใบปริญญา)
- หนังสือรับรองว่าจบหลักสูตร Inter. Program มา (ถ้าจบ Inter. Program มา)
- Resume / CV
- Statement of Purpose (SOP) (เขียนว่าทำไมถึงอยากเรียนสาขาวิชานี้ประมาณ 1 หน้ากระดาษ)
- Recommendation Letter จากอาจารย์ / จากที่ทำงาน 2 ท่าน
- ผล UKVI IELTS (ส่งตามที่หลังได้)
- Copy passport

เอกสารที่ใช้ในการสมัครเรียน ถ้าไม่สะดวกที่จะเอาเข้ามาให้พี่ที่ออฟฟิศ น้องสามารถที่จะสแกนแล้วส่งเข้าอีเมลมาให้พี่ได้นะคะ ที่ [leear@studyoverseas.co.th](mailto:leear@studyoverseas.co.th) ค่ะ ถ้าน้องมีคำถามเพิ่มเติมหรือต้องการข้อมูลเพิ่มเติมโทรสอบถามพี่ได้นะคะที่ 081-6449867, 089-6820168 ค่ะ หรือ [Line Official: @study-soc](https://www.line.me/@study-soc)

ขอบคุณค่ะ  
พี่ต่อ

**Miss Leear Tasukon**

Education Counselor

**Study Overseas Centre Co.,Ltd**

Website: [www.studyoverseas.co.th](http://www.studyoverseas.co.th)