



UCLan  
London

# BSc (Hons) Cybersecurity with Artificial Intelligence

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## ENTRY REQUIREMENTS

96 UCAS tariff points  
from 3 A Levels or  
equivalent, eg CCC.

## DURATION

3 Years  
4 Years with Foundation

## START

September, January, May

## DELIVERY

Campus Taught

## Course Overview

Our Cybersecurity with Artificial Intelligence course is designed to equip students with strong theoretical knowledge and applied technical skills in cybersecurity, enhanced through the integration of artificial intelligence. The programme reflects the growing importance of cybersecurity in protecting digital systems, infrastructure and data across all sectors.

## Key Features

- Build a strong cybersecurity foundation through computer systems, networks, programming, cybersecurity principles, and essential academic and professional skills to support progression into undergraduate study.
- Develop practical, industry-ready expertise in areas such as ethical hacking, digital forensics, cryptography, software security, security operations, and AI-enabled cybersecurity to identify, analyse, and respond to modern cyber threats.
- Prepare for professional success by strengthening critical thinking, problem-solving, research, communication, teamwork, and ethical practice, equipping graduates for careers in cybersecurity or further study.

## Modules

### Foundation Year

- Computer Skills
- Research Skills
- Communication Skills
- Professional Development in Computing

### Year 1

- Computer Systems and Networks
- Programming for Cyber Security
- Cyber Security Fundamentals
- Data and AI for Cyber Security

### Year 2

- Applied Cryptography
- Digital Forensics
- Software Security
- Security Operations

### Year 3

- Ethical Hacking
- Governance, Risk and Compliance
- Applied AI for Cyber Security
- Individual Project

## Career Paths

The BSc (Hons) Cybersecurity with AI course offers you choices to pursue a wide range of careers, or to specialise as a postgraduate, including:

- Cyber Security Analyst
- Forensic Computer Analyst
- Security Manager (longer-term career progression)
- Network Engineer
- Penetration Tester
- AI Security Engineer
- AI Product Manager
- AI Compliance Officer
- Data scientist
- Machine Learning Engineer

## Potential Job Sectors

- Technology and cybersecurity
- Banking and finance
- Government and defence
- Healthcare