



Course Overview

A recent industry report estimates that the cyber security sector urgently requires approximately 4 million additional professionals worldwide (1). Qualified cyber security experts enjoy exceptional career opportunities, high mobility, and highly competitive salaries.

The **BSc (Hons) Cyber Security**, delivered entirely at **New York College**, is your ideal launchpad into this dynamic, high-stakes industry. Here, you will learn how to protect critical data and information systems from sophisticated cyber breaches within a supportive, student-focused, and multicultural academic environment.

This forward-thinking degree goes beyond basic IT, emphasizing secure software development and a deep architectural understanding of computing systems. Throughout the program, you will develop the technical knowledge and applied skills needed to:

- **Design & Build:** Construct secure computer systems and resilient electronic infrastructures.
- **Develop Custom Tools:** Learn to program and deploy your own security tools for probing, analyzing, and defending systems against attacks.
- **Counter-Measures:** Master cutting-edge security defense techniques to neutralize threats before they strike.

Our expert academic team will guide you through the core pillars of modern cyber security:

- **Risk & Vulnerability Analysis:** Evaluate security threats, perform risk assessments, and develop robust security controls.
- **Incident Response:** Learn how to effectively respond to active security breaches and implement rapid resolution activities.
- **Live Industry Briefs:** Thanks to our strong corporate links, you will work on "live briefs" for your coursework, gaining direct experience with real-world industry challenges.

References: (1) ISC² Cyber Security Workforce Study.



why choose this programme

Highly Qualified Academic Staff

with extensive experience in digital defense, ethical hacking, and risk management both in Greece and internationally

Collaboration with Industry Leaders

to facilitate the transfer of specialized knowledge, expertise, and job placement opportunities in top-tier security firms and corporate IT defense departments

Program Flexibility

with full-time or part-time studies tailored to accommodate working professionals and students alike

Evaluation

through hands-on lab projects and practical assignments designed to help you build a comprehensive portfolio of security solutions, vulnerability assessments, and defense strategies

Cisco Networking Academy Integration

Students benefit from access to Cisco Networking Academy resources, gaining practical exposure to networking, cybersecurity fundamentals, and industry-recognized learning pathways. This enhances their technical skills, strengthens their employability, and supports their preparation for future professional certifications in the field of cyber security.



Secure Your Future in the Cyber Security Industry

The cyber security sector stands as one of the most critical and fast-growing global employers, offering a vast array of high-stakes career opportunities. Whether your passion lies in ethical hacking, digital forensics, cloud security, network defense, threat intelligence, or AI-driven security systems, there is a vital path waiting for you.

At the University of Greater Manchester, delivered at New York College, our graduates are equipped with deep technical expertise and well-prepared to pursue advanced research or postgraduate studies. With cyber threats escalating globally, the demand for certified professionals with hands-on defense skills and up-to-date knowledge is at an all-time high. This positions our graduates with a distinct competitive edge, ready to protect critical infrastructure and lead modern organizations. Join us, step into the frontlines of technology, and become a leader in digital defense!



Apply Now!

Athens: 38 Amalias Ave., Syntagma
tel.: +30 210 32 25 961
Thessaloniki: 138 Egnatias & P.P. Germanou
tel.: +30 2310 88 98 79
info@nyc.gr, www.nyc.gr



NYC ATHENS CAMPUS
ATHENS, SYNTAGMA



NYC THESSALONIKI CAMPUS
THESSALONIKI



UNIVERSITY OF NEW YORK
IN PRAGUE (UNYP)
PRAGUE



NEW YORK COLLEGE
THE INTERNATIONAL COLLEGE OF GREECE
The LEADING College
of University Studies in Greece:
The ONLY Greek College with expertise in founding and
operating Private Universities in Europe!



University of
Greater Manchester



NEW YORK COLLEGE
THE INTERNATIONAL COLLEGE OF GREECE

Architecting a safer digital tomorrow

BSc (Hons) Cyber Security

The **BSc (Hons) Cyber Security** from the British State **University of Greater Manchester**, offered entirely at NEW YORK COLLEGE in Greece, bridges the gap between core computing—networks, hardware, and operating systems—and advanced cyber defense. You will learn to anticipate modern digital threats and design highly secure, resilient systems for global organizations. Through a blend of technical expertise and hands-on practice, you will graduate fully prepared for high-demand roles in the global tech sector or advanced postgraduate study.

**SECURE THE
DIGITAL
WORLD. BUILD YOUR
FUTURE**

**SECURE
PROGRAMMING**



**CYBER THREAT
ANALYTICS**



**AI IN CYBER
SECURITY**



**SECURE
SYSTEMS &
NETWORK
DESIGN**



**INCIDENT
RESPONSE &
CRISIS
COMMUNICATION**



“

In an interconnected world where digital transformation and technological innovation accelerate daily, the landscape of risk evolves just as rapidly. Our specialized Cyber Security program is meticulously designed to equip you with the advanced technical expertise, critical thinking, and ethical hacking skills required to defend the global digital infrastructure.

The demand for cyber defense professionals has reached an unprecedented peak. Today, organizations worldwide are actively seeking experts who can anticipate threats, protect critical data, and secure emerging technologies like artificial intelligence and cloud networks.

By joining this dynamic and vital program, you are choosing to stand on the frontlines of technology. Prepare to challenge your creativity, protect the digital world, and become a leader in the future of global cyber security.

Dr Saiti Kyriaki, PhD, MBA

Head of Informatics Department
New York College



**Programme
Duration**

Program Flexibility
with full-time or part-time
studies

Full time 3 years

4 years with Foundation Year

Part Time Studies

4.5 years usually

CURRICULUM

Foundation Year – Level 3

Core Modules

- Fundamentals of Programming
- Logical Analysis and Problem Solving
- Computer Systems
- Academic Language and Skills 3

Year 1 – Level 4

Core Modules

- Maths for Computing
- Computer Science Fundamentals
- Security Fundamentals
- Networking Principles
- Modern Operating Systems

Year 2 – Level 5

Core Modules

- Computer Systems Architecture
- Programming for Cyber Security
- Ethical Hacking and Penetration Testing

Optional Modules

- Enterprise Networks
- Advanced Operating Systems

Year 3 – Level 6

Core Modules

- Research and Professional Issues
- Undergraduate Project
- Information Security Management

Optional Modules

- Advanced Networks
- Advanced Security and Digital Forensics
- Operations Management

University of Greater Manchester

IN THE 30 BEST UNIVERSITIES IN THE UK!
(Guardian 2024)

The public British university University of Greater Manchester (known until 2024 as the University of Bolton) has a long history and strong commitment to the provision of high-quality education. It was founded in 1824 as Bolton Mechanics’ Institute, one of the first educational institutions in Great Britain. The University of Greater Manchester has managed to stand out for the quality of its teaching. The Times and Sunday Times Good University Guide 2023 ranks it first in North West England for teaching quality, the Complete University Guide 2024 ranks it first in student satisfaction, while the University held the 30th position according to the Guardian’s 2024 ranking list of British Universities. Recently, the BBC highlighted the UNIVERSITY OF Greater Manchester as a model for the Universities of Britain regarding its operating standards for student safety during the Covid-19 pandemic, and the British Minister of Education Michelle Donelan, from the podium of the House of Commons, referred to the “amazing work the University is doing.” New York College has a franchise agreement in accordance with the legislation of the Greek Ministry of Education, and the degree you will receive at the end of your studies is awarded by the University itself.

Greater Manchester’s **No.1**
University for Student Satisfaction
for the last 6 years

