Target Audience

The MSc programme is designed for University graduates of Telecommunications, Informatics/Computer Science, and Electrical Engineering but also of Natural Sciences and Mathematics departments with a strong background in ICT and strong motivation to pursue a career in Cybersecurity-related domains.

Career Path

Graduates from the MSc in Cybersecurity programme can play a pivotal role in the continuing operation of virtually any company or organization, by safeguarding their most valuable asset, their information. The employment opportunities include:

- ICT companies
- Government organizations and institutions
- Multinational corporations and SMEs
- e-Business companies
- Mobile network providers and broadband internet providers
- Sensor networks and telematics companies
- Consulting and auditing companies
- Research Institutes
- Education, training and certification
- Defense industry

In addition to technical skills gained through study, our students benefit from the University's excellent Careers Office. Thus, graduate students are fully prepared to take on the job market.

The University

The **International Hellenic University (IHU)** is the first and only Greek **public** University where programmes are taught **exclusively in English**. It is located in Thessaloniki, a vibrant student metropolis.

We are focused on attracting leading academics and outstanding students from Europe and across the world.

Where to find us

School of Science and Technology

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Hellenic Republic

INTERNATIONAL HELLENIC UNIVERSITY

www.ihu.edu.gr | Greece

study **live** excel
in **Thessaloniki**

MSc in
Cybersecurity

MSc in
Cybersecurity

The Programme

The MSc in Cybersecurity program offers a rich curriculum emphasizing in cybersecurity and information security with their underlying technologies, while covering critical topics such as digital forensics, intrusion detection, penetration testing malware analysis, legal and ethical issues etc. The lecture series by leading academics are mainly laboratory based providing a practical and applied training in all security issues, using investigative tools for revealing threats and vulnerabilities. Along with projects and dissertation work ensure that graduate students equipped with state-of-the-art scientific knowledge and modern practical skills, on their way to becoming highly competitive security specialists at an international level.

Be ahead of Cyber Risks and Threats

Programme Structure

The Core Courses

First Term
▶ Computer Networks
▶ Information Systems Security
▶ Data Protection and Cryptography
▶ Legal and Ethical Foundations of Privacy and Security
▶ Cybercrime and Incident Response

Second Term
▶ Computer Forensics
▶ Penetration testing
▶ Intrusion Detection and Event Management

The Elective Courses *(Choice of two Elective Courses)*

▶ Advanced Forensics and Malware Analysis
▶ Internet of Things
▶ Consulting Project
▶ Software Development Methodologies
▶ Knowledge Management in the Web

The Dissertation

The dissertation provides a good opportunity to apply theory and concepts learned in various courses to real-world, Cybersecurity-related issues or challenges. Students are supervised throughout their projects by a member of the academic faculty and the academic associates.

Schedule

DISTANCE LEARNING

Duration of the Programme
14-month full-time (FT) or **26-month part-time** (PT). The programme is also available through **distance learning**. Teaching takes place on **weekday afternoons**.

Admissions

Our admissions policy supports equality of opportunity. We are focused on building a student community from various backgrounds and national origin.
To be considered for a Master's programme, candidates are required to have:

▶ A good university degree from a recognised University
▶ An English language certificate with a good score (IELTS or TOEFL or Proficiency)

Scholarships

The International Hellenic University offers **scholarships** to **exceptional prospective students**.
To be eligible for the scholarship, you need to provide evidence of academic excellence such as a first class bachelor degree or an official document from the School that you have been among the top graduates of your class.

Furthermore, the IHU offers financial assistance to incoming students in the form of **tuition fee reductions**.
Award criteria include the quality of the first degree, the undergraduate grades of the candidate, his/her command of the English language and overall profile.