Target Audience

The MSc programme is designed for those University graduates of Informatics/Computer Science, Electrical Engineering and also Natural Sciences & Mathematics departments, who wish to acquire a competitive edge in the rapidly converging Information and Telecommunication Technologies market.

Career Path

Our graduates end up in good, relevant jobs within a year of graduation. A multitude of employment opportunities are envisaged for graduates of the MSc in ICT Systems programme. Indicatively they include managerial, technical and research positions in:

- IT departments and IT companies
- Banking and other financial institutions
- Multinational corporations and SMEs
- e-Commerce and health software companies
- Mobile network providers and broadband Internet providers
- Sensor networks and telematics companies
- Multimedia content providers and developers (digital radio, television providers and media)
- Governmental telecommunication regulatory authorities

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

Information & Communication Technology Systems

MSc in
Information & Communication Technology Systems

The Programme

The MSc in Information and Communication Technology (ICT) Systems trains students to excel in their technical skills while also acquiring grounding in managerial skills as these apply in a number of different areas including cloud computing and green economy. The lecture series by leading academic instructors, together with projects and dissertation work, mean that students graduate well equipped and highly competitive at the international level.

Gain the key skill Advantage in the World of Technology!

Programme Structure

The Core Courses

First Term
▸ ICT Management
▸ Web Programming
▸ Computer Networks
▸ Advanced Database Systems
▸ Information Systems Security

Second Term
▸ Wireless Communications and Networks
▸ Software Development Methodologies
▸ Big Data and Cloud Computing

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

▸ Information Retrieval
▸ Knowledge Management in the Web
▸ Data Mining
▸ Digital Organisations: eCommerce and eGovernment
▸ Mobile Applications Development
▸ Internet of Things
▸ Cryptocurrencies and Blockchain Technologies
▸ Consulting Project

The Dissertation

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

Schedule

Duration of the Programme
14-month full-time (FT) or **26-month part-time** (PT). 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.