



Target Audience

The MSc programme is designed for University graduates of 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 Mobile and Web Computing related domains.

Ideal Career Path

Graduates from the MSc in Mobile and Web Computing programme can play a pivotal role in the development of software products and services of any company or organization, contributing to their growth and competitiveness. Many non-ICT companies of every sector are also investing in IT departments to develop their own, tailor-made software in-house. The employment opportunities include:

- Software companies
- e-Business companies
- Mobile network providers and broadband Internet providers
- Research institutes
- Businesses that are investing in in-house software development
- Marketing and advertising
- Freelancing

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 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

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in **Thessaloniki**

MSc in

Mobile & Web Computing



MSc in Mobile & Web Computing

The Programme

The MSc in Mobile and Web Computing programme has been designed to provide a mixture of state-of-the-art knowledge in relevant computer science, communications, web and mobile technologies, combined with essential business skills. The lecture series by leading academic instructors along with projects and dissertation work mean that students graduate well-equipped and highly competitive at the international level.

*Empowering the
Developments of
the Mobile Generation!*



Programme Structure

The Core Modules

First Term

- ▶ Computer Networks and Services Management
- ▶ Web Programming
- ▶ Information Systems Security
- ▶ Database Design, Management and Implementation
- ▶ Foundations of Computing: Algorithms and Data Structures

Second Term

- ▶ Human Computer Interaction, Design and User Experience
- ▶ Mobile Applications Development
- ▶ Wireless Communications & Networks

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

- ▶ Digital Marketing and Web Analytics
- ▶ Knowledge Management in the Web
- ▶ Data Mining and Business Analytics
- ▶ Software Development Methodologies
- ▶ E-Commerce Systems & Protocols
- ▶ Big Data and Cloud Computing

The Dissertation

The dissertation provides a good opportunity to apply theory and concepts learned in various courses to real-world, mobile and web computing-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 **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 **full-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.