APPLICATIONS AND REQUIREMENTS

International candidates must have a Bachelor of Science, or an equivalent first-cycle degree in Computer Science or in Computer Engineering or any other three-year (minimum) degree providing a suitable background in both mathematics/physics and computer science or computer engineering. Detailed admission and knowledge requirements are presented in the MSc website.
Adequate knowledge of English is mandatory (level B2 or equivalent).

More details at: www.unipi.it/enrolment

Website
https://cysec.unipi.it/

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ENROLMENT AND FEES

Enrolment instructions are available at matricolandosi.unipi.it.
Fees depend on the student's country of origin and vary from € 356 to € 2,556 for each academic year.
Information on fee waivers and scholarships can be found at www.unipi.it/tuition-fees.

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UNIVERSITÀ DI PISA

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MSc Programme in Cybersecurity

UNIVERSITÀ DI PISA

The University of Pisa (UNIPI) is a public institution composed of twenty departments, with high level research centres in the fields of agriculture, astrophysics, computer science, engineering, medicine and veterinary medicine.

Established in 1343, UNIPI is one of the most prestigious Italian higher education institutions and a modern centre for teaching and advanced research. One of the University's main strategies is that of internationalisation as it aims to engage with students and researchers and establish long-term partnerships with universities and public and private institutions from all over the world. With a current student population surpassing 54,000, UNIPI offers a large number of degree programmes held in English and a variety of exchange programmes.

Study Cybersecurity at the departments of Information Engineering and of Computer Science

The Department of Information Engineering hosts around 100 professors and senior researchers, along with 100 PhD students and junior researchers, and the Department of Computer Science hosts around 60 professors and senior researchers, along with 70 PhD students and junior researchers. Both departments are engaged in several scientific and technological research areas of information engineering and computer science connected to cybersecurity.

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COME AND THRIVE

- Experience a rich scientific environment
- Get involved with cutting edge research
- Enjoy a productive workplace
- Develop a solid interdisciplinary skill
- Establish a network of professional contacts

PROGRAMME OVERVIEW

The Master's Degree in Cybersecurity responds to the growing need for trained specialists with high scientific and technological expertise in the field of cybersecurity. To this end, it provides its graduates with a deep knowledge of the scientific foundations, methodologies and technologies of the area, which allows them to contribute to the advancement of knowledge and to be able to deal with cybersecurity in the most diverse application areas.
In particular, it addresses the security aspects at all levels, from the physical one to the more abstract software levels.
The M.Sc. degree also addresses the context of cybersecurity, consisting of organizations and companies that need to protect themselves from security risks, and the legal aspects of information security.
The programme is structured has follows:

FIRST YEAR	ECTS
Organizational sciences	6
Data and system security	9
Applied cryptography	9
Language-based technology for security	9
Information and technology law	6
Hardware and embedded security	9
At choice out of a given set	12
TOTAL	**60**

SECOND YEAR	ECTS
Secure software engineering	9
Network security	9
Artificial intelligence for security	6
Dependability	6
Elective course (at choice)	6
Elective course (at choice)	6
Final examination (Thesis)	18
TOTAL	**60**

PROFESSIONAL PROSPECTS

Graduates are specialized professionals who easily find employment in public or private organizations that require specialized personnel to meet their cybersecurity needs, or in companies (even large ones) operating in the ICT sector that are engaged in the development of cybersecurity solutions.