



Choose MSI if you wish to:

➤ **Study:**

How to **think** and how to **do security** and **dependability**. The program provides a solid theoretical basis combined with intensive laboratory work, and complemented with **policy** and **legal** notions.

The course combines security and dependability, as well as **information** and (critical) **infrastructures**, mastering a symbiosis between policy/assurance/law and architecture/protocols/technology.

➤ **Become:**

Security Specialist, Consultant, Software or System Developer, PhD student.

➤ **Be inspired by:**

Top international level instructors, heavily engaged in high-level research and teaching and in numerous international research projects in security and dependability.

After graduation:

➤ **100% Employability**

In Portugal and outside.

➤ **Many success stories**

- Paulo Moniz, Sub-director for information security, EDP
- Nuno Loureiro, Head of web security at sapo.pt
- Bruno Garrancho, Manager of Information Security governance for BBC – British Broadcast Corporation

“This programme provided me with the opportunity to learn Information Security, from the practical applications to the underlying theoretical basis. Studying in a highly demanding environment developed both my soft and hard skills. Being exposed to the programme high standards, discussing current state-of-knowledge technologies, and methodologies, helped shaping my approach to the ever changing field of Information Security with confidence and structure. When I joined the programme I was trying to change my career, I can surely say that this experience changed my life.”

Departamento de Informática
Faculdade de Ciências da Universidade de Lisboa

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Master in Information Security



Ciências
ULisboa

Faculdade
de Ciências
da Universidade
de Lisboa

<http://msi.campus.ciencias.ulisboa.pt>



Access:

➤ Vacancies:

- 15

➤ Requirements to apply:

- Bachelor's (Licenciatura) degree in areas related to Informatics (Computer Science/Engineering) or similar;
- 1st cycle studies completed according to the Bologna Process; or
- a foreign academic degree recognized as equivalent to Licenciatura by the Scientific Council of FCUL.

➤ Tuition Fee - 2015/16:

- 1200 € (annual value)

➤ Admission schedule:

- 1st phase June 6th to July 15th, 2016
- 2nd phase: August 19th to September 1st, 2016

➤ Further information:

- <https://ciencias.ulisboa.pt/pt/oferta-formativa/curso/mestrado/seguranca-informatica>
- <https://ciencias.ulisboa.pt/pt/candidaturas-0>



"It used to be expensive to make things public and cheap to make them private. Now it's expensive to make things private and cheap to make them public."

Clay Shirky, Internet scholar and professor at N.Y.U

Programme Structure

➤ 1st Year, 1st Semester

Core Courses:

- Introduction to Computer Security
- Secure Software Systems
- Distributed Fault Tolerance

1 Restrictive Elective + 1 Free Elective

➤ 1st Year, 2nd Semester

Core Courses:

- Intrusion Tolerance
- Applied Security

2 Restrictive Electives + 1 Free Elective

➤ 2nd Year

Master Project/Thesis

Examples of Restricted Electives (1st semester):

- Security Risk Analysis and Management
- Cyber Crime and Digital Forensics
- Distributed Systems Programming

See <http://msi.campus.ciencias.ulisboa.pt/program> for further information.

Examples of Restricted Electives (2nd semester):

- Systems Configuration and Management
- Cybersecurity Law
- Introduction to Applied Cryptography
- Security Procedures and Handling of Classified Information
- Software Quality
- Embedded and Real-Time Systems

