Cybersecurity is today one of the most relevant and challenging issue for any organization, including SMEs, due to the increasing reliance on computer systems and communications. Managers are more and more confronted with the need to understand the possible vulnerabilities and threats - and their technical and economic implications - in order to define appropriate countermeasures. This master provides the knowledge which is required for such a task, covering a rather wide spectrum of topics, ranging from basic competences on cryptographic protocols and access control, to more advanced aspects such as network, cloud and IoT security. Specific courses will focus on legal and normative aspects, as well as on methodologies for the management of risk, which are essential skills for any manager dealing with IT security.

Tackling the challenges of cybersecurity in modern enterprises.

STRUCTURE

12 months of study divided into three terms
- First term: December 2017 - April 2018
- Second term: April 2018 - July 2018
- Internship: September 2018 - December 2018

400 hours of classroom instruction
600 hours of independent study
500 hours of internship equivalent to 60 CFU/ECTS

FIELD WORK LABORATORY
At the end of the classroom cycles, students live a hands-on experience with business analytics, within a company to support the performance management processes.

COURSES
- Business Ethics and Sustainability
- Digital Culture
- Digital Transformation
- Fundamentals of Cyber Security
- Fundamental of Artificial Intelligence
- Information Systems
- Omnichannel Management
- Project Management
- Supply chain Management
- Strategic Accounting and Budgeting
- Computer, Network and Cloud Security
- Cryptographic Protocols
- Information Security and Risk Management
- Legal Informatics, Privacy and Cyber Crime
- Security of Cyber-physical and Industrial Systems
OVERVIEW

DURATION
december 2017 - december 2018

KEY FEATURES
full-time master, taught in english,
international focus,
limited enrollment

APPLICATION DEADLINE
round I: september, 2017
round II: november, 2017

ADMISSION REQUIREMENTS
bachelor’s degree, english language proficiency
further information available on
www.bbs.unibo.it/masterdigitaltech-cs

SELECTION PROCESS
round I: october, 2017
round II: november, 2017
motivational interview, english test,
evaluation of academic qualifications

TUITION FEE: 14,800 euro
to be paid in several installments,
the first one upon enrollment

SCHOLARSHIPS
scholarships of 4,000 euro each and
scholarships of 6,000 euro each
will be awarded to top-ranked candidates

HONOR LOAN
“PerTe Prestito Con Lode”, a long-term and
low-interest honor loan, with no collateral required.