

MASTER IN DIGITAL TECHNOLOGY MANAGEMENT INTERNET OF THINGS

II EDITION / A.Y. 2020-2021

BBS
MULTIPLYING OPPORTUNITIES



Recent advances in IT infrastructures and software tools, including cloud and fog computing, micro-services and tools for business process modeling, have transformed considerably the role of IT in enterprises and the management of IT projects. This master will cover the most recent techniques and tools which are needed for successfully managing innovative digital projects, focusing on their impact on the enterprise organization and business activity. Specific courses will illustrate case studies arising

from real applications and industrial practice. This international program, with students from all over the world and a Faculty composed by professors, managers and entrepreneurs, takes place within the unique atmosphere of a 16th century villa on the hills surrounding Bologna. Thanks to project works, company projects and master lectures, students get in touch with the key concepts of the digital era. The program concludes with a Field Laboratory Work and a company internship.

STRUCTURE

12 months of study divided into three terms

- First term: November 2020 - March 2021
- Second term: March 2021 - June 2021
- Internship: June 2021 - November 2021

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

- Big Data for Industry 4.0
- Business Ethics and Sustainability
- Communication Technologies for the IoT
- Customer & Marketing Analytics
- Digital Transformation
- Field work laboratory
- From Smart Things to Society 4.0
- Fundamentals of Artificial Intelligence
- Fundamentals of Cyber Security
- Fundamentals of IoT
- IoT Platforms
- Operation Analytics
- Performance Measurement Systems
- Things that Compute and Interact

OVERVIEW

DURATION

November 2020 - November 2021

KEY FEATURES

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

APPLICATION DEADLINE

Round I: 8 May 2020

Round II: 8 July 2020

Round III: 28 September 2020

ADMISSION REQUIREMENTS

bachelor's degree, english language proficiency
further information available on
www.bbs.unibo.it/masterdigitaltech-iot

SELECTION PROCESS

Round I: 18 May 2020

Round II: 15 July 2020

Round III: 7 October 2020

motivational interview, english test,
evaluation of academic qualifications

TUITION FEE: 14,800 euro

to be paid in several installments,
the first one upon enrollment

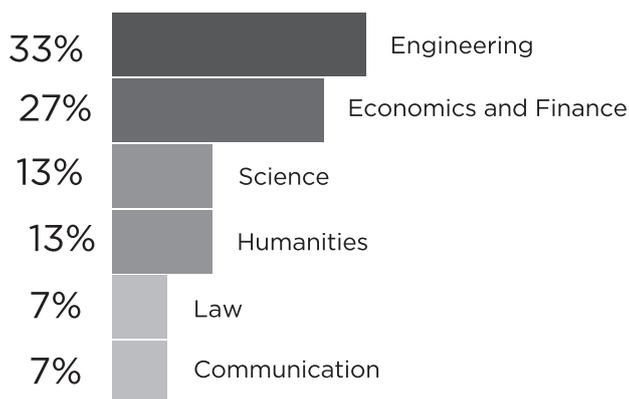
SCHOLARSHIPS

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

ACADEMIC BACKGROUND



29 y.o.

AVERAGE AGE

73%

INTERNATIONAL STUDENTS

10

COUNTRIES REPRESENTED

33%

FEMALE STUDENTS

3 YEARS

AVERAGE WORK EXPERIENCE

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Contacts

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