Recent advances in IT infrastructures and software tools, including cloud and fog computing, microservices 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

www.bbs.unibo.it
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

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>33%</td>
<td>Engineering</td>
</tr>
<tr>
<td>27%</td>
<td>Economics and Finance</td>
</tr>
<tr>
<td>13%</td>
<td>Science</td>
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<tr>
<td>13%</td>
<td>Humanities</td>
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<tr>
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<td>Law</td>
</tr>
<tr>
<td>7%</td>
<td>Communication</td>
</tr>
</tbody>
</table>

29 y.o.
AVERAGE AGE

73%
INTERNATIONAL STUDENTS

10
COUNTRIES REPRESENTED

33%
FEMALE STUDENTS

3 YEARS
AVERAGE WORK EXPERIENCE

Contacts
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