Artificial Intelligence is deeply transforming any aspect of our life, including our jobs and our business activities. Ranging from deep learning theory to Industry 4.0 applications, this master will focus on the main techniques and tools which are at the heart of this transformation, explaining their potentialities and illustrating their use in the production systems of many innovative companies. Together with an advanced technical knowledge of new AI techniques, the master will provide the management skills which are needed to turn these techniques into business opportunities and to tackle the emerging challenges for enterprises. 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: 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

**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
- Artificial Vision Applications
- Decision Support Systems
- Industry 4.0 Applications
- Machine Learning
- Neural Networks and Deep Learning
- Natural Language Processing and Applications

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

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.