PARTNERS:
The Master in Smart Industry is a university-specific degree of ICAI School of Engineering. It is conceived as the response of Comillas Pontifical University to the Fourth Industrial Revolution. Digital transformation of Industry represents both challenge and opportunity for engineers. Companies require professionals with a global perspective of the Smart and Connected Industry, combining the command of enabling technologies and deep understanding of the keys for their application to business. In addition, it is of extreme importance to take care of the social impact associated with this industrial change. This Master program has been designed with the aim of educating the professionals who will lead this industrial revolution we are already living today.

**REASONS TO STUDY WITH US**

The program has been conceived in close collaboration with the 10 Sponsor Companies of the Smart Industry Chair, which guarantees the practical approach that companies need, as well as the academic rigor of a MA program. One of the highlights of the program is the offer of internships in Industrial or Technological companies in Spain or abroad, which will allow students to work in real projects.
# PROGRAM

## INTELLIGENCE MODULE
- Smart Systems Applied to Industry ......................................................... 6 ECTS
- Machine Learning ....................................................................................... 6 ECTS
- Big Data ........................................................................................................ 3 ECTS

## TECHNOLOGY MODULE
- IIoT-Cloud Communications ........................................................................ 6 ECTS
- Cyber-Physical Systems and Robotics ............................................................. 3 ECTS
- Digital Manufacturing ..................................................................................... 3 ECTS
- Industrial Automation and Robotics ................................................................. 6 ECTS

## INDUSTRY MODULE
- Smart Industry I ............................................................................................. 1,5 ECTS
- Smart Industry II ........................................................................................... 3 ECTS
- Smart Industry Applications I ................................................................. 1,5 ECTS
- Smart Industry Applications II ................................................................. 3 ECTS
- Cybersecurity ................................................................................................. 3 ECTS
- Leadership and Change Management ......................................................... 3 ECTS

## MASTER THESIS AND INTERNSHIP
- Internship ...................................................................................................... 6 ECTS
- Master Thesis ................................................................................................. 6 ECTS

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**PARTNERS:**

[Images of logos for various partners like ABB, Acerinox, Antolin, DSSmith, Enagas, Endesa, Gestamp, IBM, Indra, and Pladur]
OBJECTIVES
The Master's Degree in Smart Industry program has been conceived to endow the graduate with a wide perspective of the possibilities for the new digital technologies in industrial processes. The combination of academic rigor and internships in real projects in Smart Industry will make possible to respond to the new requirements of companies. Therefore, the graduates will be natural leaders of the process of digital transformation of industry.

REQUIREMENTS
• The student’s academic background (80%).
• Recommendation letters, cover letter and the interview (10%).
• Command of the English language (10%) will all be taken into account.

New places available: 25

Opening date for application to the Master: January 1st, 2019.

Closing date: May 15th, 2019.

DURATION AND TIMETABLES
Full time: 1 year.
Part-time: 2 years.
Classes will take place in the afternoons from 3:00 p.m. to 8:00 p.m.
Course starting date: September 2nd, 2019.

TUITION FEE
Complete master study (one year) 12.500 €.
Students who studied the Bachelor’s Degree at our Engineering School will receive a 10% discount.

VENUE
Escuela Técnica Superior de Ingeniería (ICAI)
C/ Alberto Aguilera, 25
28015 Madrid

DEGREE
Master's Degree in Smart Industry.

CREDITS
60 ECTS credits.

DIRECTION
Director: Bernardo Villazán Gil
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We answer your questions at:

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