

SHAKE THE FUTURE.



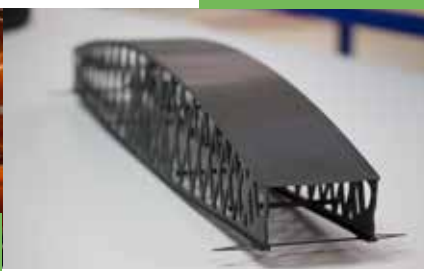
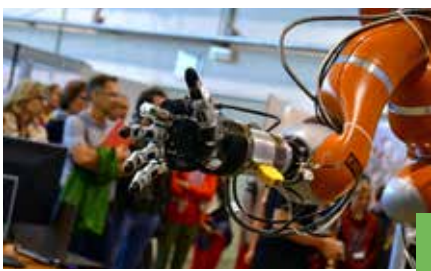
FOUNDATION MASTERS

3 programmes:

Civil & Environmental Engineering

Signal, Control & Robotics

Mechanics & Environment



OBJECTIVES

Our Foundation Master Programmes are designed to fully prepare students to meet the complex challenges of our Master Programmes. The programmes cover all the essential disciplines so that students acquire the requisite range of scientific and language skills.

Scientific courses focus on technical vocabulary as well as course fundamentals. Each student will have the support of a personal academic tutor.

OTHER PROGRAMME INFORMATION

Intake in September

- > Length of Studies: 1 year
- > Language of instruction: English

MORE INFORMATION & FULL PROGRAMME

Contact:

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CIVIL & ENVIRONMENTAL ENGINEERING

CORE COURSES

- > Water Engineering Structures
- > Natural Risks
- > Mechanics for Civil Engineering
- > Design of Building Materials
- > Modelling of Structures by FE and BIM
- > Design of Special Structures
- > French Language
- > English and Business Environment
- > Projects

This foundation master prepares students for the following Master programmes:

- > Materials and Structures in their Environment
- > Atmosphere, Water and Environment
- > Architecture, Ambiances, Urbanity

SIGNAL, CONTROL & ROBOTICS

CORE COURSES

- > Mathematics
- > Computer Programming and Data Analysis
- > Control Systems
- > Basics of Signal Processing and Imaging Methods
- > Robotics
- > Embedded system
- > Introduction to Research
- > French Language
- > English and Business Environment
- > Projects

This foundation master prepares students for the following Master programmes:

- > Advanced Robotics
- > Signal and Image Processing
- > Control Systems
- > Embedded Real Time Systems

MECHANICS & ENVIRONMENT

CORE COURSES

- > Mathematics
- > Computer Programming and Data Analysis
- > Mechanics
- > Computer Aided Design & Industrial Engineering
- > Energetics and Environment
- > Material Science
- > French Language
- > English and Business Environment
- > Projects

This foundation master prepares students for the following Master programmes:

- > Advanced Composite Engineering and Science
- > Advanced Manufacturing
- > Energetics and Propulsion
- > Computational Mechanics
- > Atmosphere, Water and Environment
- > Architecture, Ambiances, Urbanity
- > Agile Factory Management
- > Smart and Connected Enterprise
- > Hydrodynamics for Ocean Engineering
- > Atlantic Master on Ship operation and Naval Engineering

Location

Nantes, France -
2 hours from Paris

International campus life

87
nationalities

43%
international students

