

Start Date September 2019

Bordeaux INP  
ENSPIMA



A Graduate School  
of Engineering  
for **Industrial Performance**  
& **Aeronautical Maintenance**



AERONAUTICAL  
MAINTENANCE

INDUSTRIAL  
PERFORMANCE

Graduate School of Engineering  
for Industrial Performance  
and Aeronautical Maintenance



As a school of Bordeaux INP, ENSPIMA offers a three-year training programme for high-level engineers capable of designing and implementing methods and techniques associated with the maintenance and industrial performance of companies in the aeronautics, space and defence industries.

ENSPIMA forms part of a teaching project focusing on aeronautical training, launched in partnership with the university of Bordeaux, which is set to make the Bordeaux campus a major player in training, research and technology transfer in the fields of aeronautics and space.

université  
de **BORDEAUX**



## Level

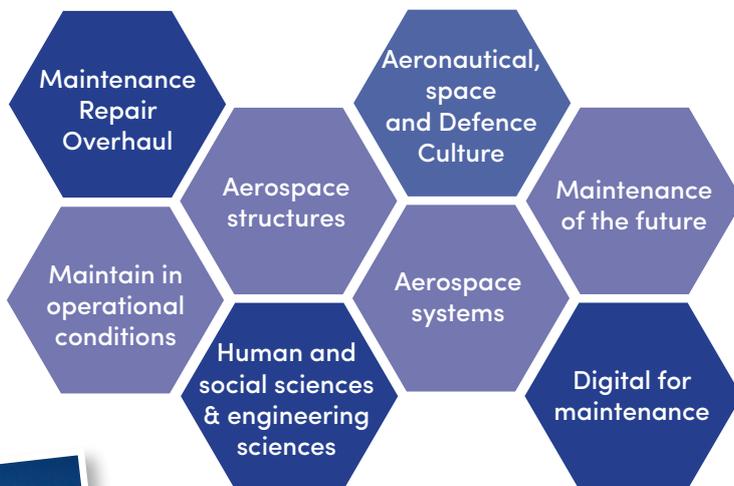
120 ECTS / Undergraduate

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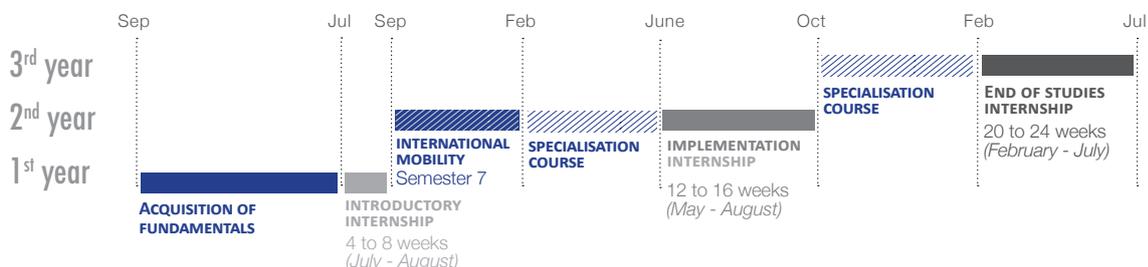
# Training

The training programme at ENSPIMA is designed to supplement “design” and “production” engineering courses and is intended to establish the link between these two disciplines in order to optimise the costs associated with future maintenance operations.

## A programme structured around 8 themes



## Training PROGRAMME



## Benefits

### 9 TO 12 MONTHS OF INTERNSHIPS

Throughout the course, ENSPIMA engineering students will develop their professional experience through internships in companies.

### 1 SEMESTER ABROAD

ENSPIMA engineering students must complete at least one academic semester abroad.

### AN ENTREPRENEURSHIP PROGRAMME

ENSPIMA students wishing to set up their own business will have the opportunity to join “Sit’Innov”, Bordeaux INP’s student incubator.

### A CLOSE INTERACTION WITH RESEARCH & TECHNOLOGY TRANSFER

The ENSPIMA programme is backed by three joint research centers (IMS<sup>1</sup>, I2M<sup>2</sup>, LaBRI<sup>1</sup>). Throughout the course, engineering students have close interaction with the research community. ENSPIMA will also be backed by “Hangar of the Future”, a technical platform designed to develop relations with businesses.

<sup>1</sup>Bordeaux INP, university of Bordeaux, CNRS

<sup>2</sup>Bordeaux INP, university of Bordeaux, CNRS, Arts et Métiers ParisTech, INRA



# Professional insertion

## Positions

- Industrial maintenance manager and engineer**  
 organising and supervising maintenance activities and operations to provide reliable production tools and methods.
- Production manager and engineer**  
 organising, optimising and supervising manufacturing processes and methods.
- Industrial quality manager and engineer**  
 organising and coordinating product and service quality implementation for all processes and structures within the company.
- Studies, industrial research and development manager and engineer**  
 designing and finalising new products and new technologies, and developing those that already exist, with a focus on commercial development and innovation.
- Customer assistance and technical support**  
 providing reliable assistance and technical support for customers in order to prevent and resolve technical problems in operations and maintenance by addressing the issues and delivering technical solutions.

## WHO IS THE ENSPIMA ENGINEER ?

Engineers graduating from ENSPIMA are able to independently design and implement methods and techniques associated with industrial performance (optimising operational costs, flight times, etc.). They are the interface between the design, development, engineering and production functions. Both entrepreneurs and intrapreneurs, they also drive innovation and progress.

## Sectors

- Aeronautics
- Space
- Defence
- Research & consultancy

## A training programme supported by

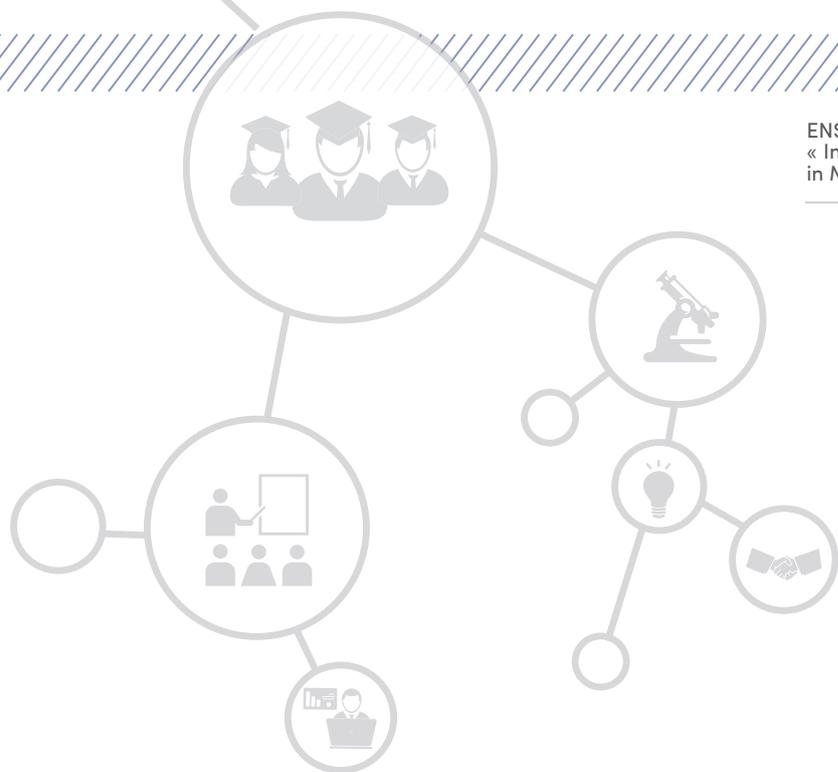


**9 graduate schools of engineering**

1 preparatory course « La Prépa des INP »  
& 1 student incubator « Sit'Innov »

<b>ENSC</b> Cognitics 	<b>ENSCBP</b> Chemistry, Physics, Biology, Food Science, Materials 	<b>ENSEGID</b> Environment, Geological resources, Water resources 
<b>ENSEIRB-MATMECA</b> Electronics, Computer Science, Telecommunications, Mathematics & Mechanics 	<b>ENSPIMA</b> Industrial performance, Aeronautical Maintenance 	<b>ENSTBB</b> Biotechnologies 
<b>ENSGTI</b> Energetics, Chemical engineering 	<b>ENSI Poitiers</b> Water engineering, Civil engineering, Energy 	<b>ISA BTP</b> Civil engineering 

**La Prépa des INP**  
Preparatory course of the Groupe INP



ENSPIMA is located at the university of Bordeaux « Institut de Maintenance Aéronautique » (IMA) campus in Mérignac.



**GRADUATE SCHOOL  
FOR INDUSTRIAL PERFORMANCE  
AND AERONAUTICAL MAINTENANCE**

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ENSPIMA  
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Bordeaux INP - Février 2019  
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