



**IMT Mines Albi-Carmaux**  
École Mines-Télécom



# PHARMACIST - ENGINEER DEGREE

TWO DEGREES,  
A GLOBAL VISION  
OF THE DRUG



# HIGH-LEVEL EDUCATION FOR THE PHARMACEUTICAL INDUSTRY

## Are you preparing to graduate from your pharmacy studies?:

- ▶ Do you want to earn a dual pharmacist-engineer competencies?
- ▶ Interested in the production, quality, research and development, safety and environment sectors?
- ▶ Are you hoping to work in a management position in the pharmaceutical, cosmetic or food industry?



## If so, join our program to become an IMT Mines Albi pharmacist-engineer!

This program helps you develop the skills you need to **become a manager** in the following areas:

- ▶ Production or development in the pharmaceutical industry, cosmetics, fine chemicals and pharmaceutical biotechnology,
- ▶ Master current and future technologies
- ▶ Regulations

“After completing my pharmacy studies, I chose IMT Mines Albi to develop my engineering skills. I wanted to improve my skills in production processes and systems to be more directly operational in the company.”

**Pauline,**  
alumna, pharmacist-engineer

## WHAT MAKES OUR PROGRAM STAND OUT

- + A program **directly connected to internationally recognized research and training centers:** RAPSODEE (UMR CNRS 5302) and the Industrial Engineering Center
- + Training adapted to **the different professions** of the pharmaceutical, chemical, cosmetic and food industries
- + **Strategic dual skills** for manufacturers: production and regulatory issues
- + Personalized support from your advisor

## HOW TO ENROL?

After your final year of pharmacy studies in your university or already graduated, you can join our engineering school directly into 2nd year (Master 1):

### Pharmaceutical-engineer path:

Final year of pharmacy studies  
(4th year or more)

Master 1

Master 2

University of Pharmacy

IMT Mines Albi

French level requirement: **B2**

2 years to complete your degree at IMT Mines Albi including one year at a company with 4 and then 6-month internship!

## Admission based on application and test during your final year :



- 📅 **Early February:** Registration opens
- 📅 **Mid-March:** Registration closes
- 📅 **April:** Tests



+ info:

[admissions@imt-mines-albi.fr](mailto:admissions@imt-mines-albi.fr)

# A COURSE TAILORED TO YOUR INTERESTS WITH 4 POSSIBLE PATHS



**STUDENT TRAINING** 4 possible paths

## Industrial engineering, processes and information systems

### ▶ Industrial engineering

Skills on the tools and methods needed to design, improve, organize and effectively manage industrial organizations (manufacturing, health facilities, services, etc.).

### ▶ Information systems engineering

Development of practical, theoretical and technological aspects of information systems. It covers a wide range of areas from data science and artificial intelligence, to software development and network deployment.

## Pharmaceutical, agri-food and cosmetic processes and procedures

### ▶ Research & development activities

Change of scale and modeling of complex processes, sizing of equipment via a specific project or, depending on choice, a possible introduction to research.

### ▶ Production activities

Development of engineering aspects (controlled atmosphere manufacturing, qualification, cleaning), industrial logistics, accompanied by a global process study to capitalize on knowledge.



## PROFESSIONAL INTEGRATION GUARANTEED

After completing your training at IMT Mines Albi and defending your thesis, you will obtain two degrees:



The Doctor of Pharmacy degree from your home university



The Engineering Degree from IMT Mines Albi

### Pharmacists engineers from IMT Mines Albi:

 **95%**  
net employment rate

 **45 615€**  
gross annual salary with bonuses

### Corporate duties:



Quality, hygiene, safety, environment, standardization, certification



Production, operations



Validation, qualification



R&D, scientific and technical studies



Technical support



Et d'autres...

# IMT MINES ALBI KEY FIGURES

## A GRADUATE SCHOOL OF ENGINEERS



990  
students

including:



36%  
women



17%  
international  
students

## A CAMPUS OFFERING IDEAL STUDY CONDITIONS



22 ha  
with 46200m<sup>2</sup>  
of buildings



30  
students  
associations



5 students apartments  
buildings on the campus  
and 3 downtown of Albi

## 4 EXPERTISE FIELDS



Materials and  
processes for  
aeronautics and space



Biomass engineering,  
and renewable energy



Bio-health and powder  
engineering



Organisation dynamics

## A RESEARCH AND INNOVATION CLUSTER



3  
training and  
research  
centers



4  
innovation  
and research  
platforms



79  
researchers

## A PARTNER TO BUSINESSES AND ENTREPRENEURS



14  
chairs  
and joint  
laboratories



1 incubator behind  
more than 50 projects



1500  
partners  
companies



5000  
alumni

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