

# Biomedical Engineering

International Master state diploma



UNIVERSITY OF FRANCHE-COMTÉ

A **QUADRUPLE CULTURE** in the **SAME** Master  
**Technical, Medical, Regulatory Affairs and  
International Marketing\***



A public school that responds to society's needs  
Patients/Doctors/Researchers/Industrials

## SPECIFIC FEATURES OF THE CURRICULUM

The curriculum is spread over two years, and covers :

- General and corporate culture
- Biological and medical sciences
- Engineering sciences
- Microrobotics for medicine
- Modelisation of living tissues
- e-Health

*Programs are entirely taught in english*

The curriculum relies heavily on Franche-Comte's renowned skills in mechanics and microtechnics as applied to the biomedical field.

**Special emphasis is placed on :**

- Microrobotics, e-Health, modeling
- Regulatory affairs
- Risk management
- Quality in the medical
- Clinical trials and validations

**But also innovation and conception in the health domain (through the academic company Biotika® for example).**



## ADMISSION CRITERIA

- Bachelor in Engineering Sciences
- English speaking and understanding : **B2 Level**

**Tuition fees : 12 000 € for 2 years**

## INTERNSHIPS AND PROJECTS

### Year 1

- **Biotika®** Company or R&D Department (200h)

### Year 2

- In-hospital internship (12 weeks)
- R&D or In-company internship (22 weeks)

**These projects and internships** prepare future engineers to hold positions at the interface between :

- Medical device industries
- Care centres
- Clinical Research Organization
- Research laboratories in innovation for health



## PARTNERS

Over **110 industrial and professional partners**, and among them :



## CONTACT

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\*In collaboration with ESC Dijon