ISIFC
BIOMÉDICAL
BESANÇON

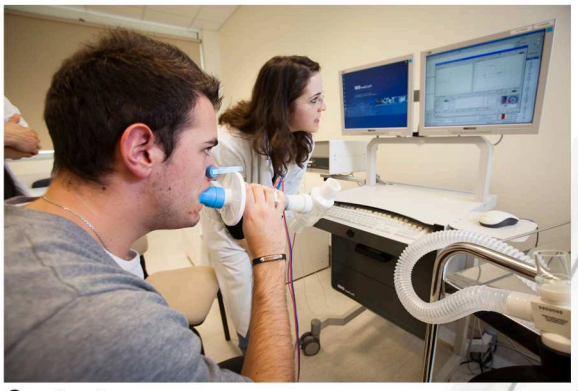
UNIVERSITY OF FRANCHE-COMTÉ

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

ADMISSION CRITERIA

A-level +2 years training (4 semesters minimum) through application file and "recruitment" interview for other A-level +2 diploma or equivalent foreign diploma.

The school is also accredited for custom-made trainings and program according to the specific industrial needs.



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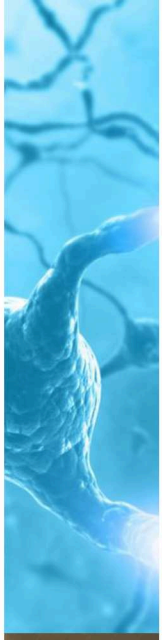

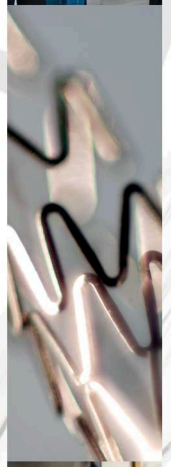

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SPECIFIC FEATURES OF THE CURRICULUM

The curriculum is spread over three years, and covers :

- General and corporate culture
- Biological and medical sciences
- Engineering sciences
- 3rd year option chosen among :
  - Biomechanics and microsystems
  - Cellular and tissue engineering
  - e-health.

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

Special emphasis is placed on :

-Regulatory affairs (**CE marking**)
-Risk management (**ISO 14971**)
-Quality in the medical (**ISO 13485**)
-Clinical trials and validations
-Qualification of industrial processes in the health industry

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

INTERNSHIPS AND PROJECTS

Year 1 (5th and 6th semester)
- Initial experience internship in a hospital (1 week)
- Supervised project (100h)
- Immersive internship (4 weeks)

Year 2 (7th and 8th semester)
- *Biotika®* Company or R&D Workshop (80h)

Year 3 (9th and 10th semester)
- *Biotika®* Company or R&D Workshop (125h)
- R&D internship (at least 3 months)
- In-company internship (at least 4 months)

These projects and internships represent one third of the total training time and prepare future engineers to hold positions at the interface between:
-Medical device industries
-Care and clinical investigation centres
-Research laboratories in innovation for health (in particular **FEMTO-ST**, or the **INSERM/EFS** unity).