

Description of the EUROMED BioMed Tech School

The EuromedBioMed Tech School aims to train engineers in the fields of: Biomedical and Biotechnology

The duration of studies is 5 years for high school graduates: 2 years in the preparatory cycle followed by 3 years in engineer

A biomedical engineer:

The objective is to train engineers in a rich and multidisciplinary field to acquire various skills and knowledge in: medical imaging, electronics and instrumentation, IT, signal and image, biomedical techniques (biomaterials, bioelectricity, biomechanics, bioinformatics), tissue, molecular and cellular engineering and management of the medical device

These skills will enable the winners to intervene in all stages of the life cycle of medical devices.

Biotechnology engineer:

The objective is to train engineers capable of directing and coordinating manufacturing and processing operations of bio-industrial products, for many sectors: agriculture, food industry, health, etc.

In-depth knowledge of chemistry, materials, biology, optimization, automation is necessary to properly practice the profession of biotechnology engineer.

The winners will also acquire various skills in biochemistry, molecular biology, genetics and microbiology to design industrial processes from syntheses created in laboratories from living organisms such as bacteria.

Biotechnology and biomedical engineering platform

Students and teacher-researchers will have access to the biotechnology and biomedical engineering platform of the UEMF, which is equipped with several instruments and laboratories for training and research in the fields of drugs, food, diagnostic tests, of genomics and microbiology.