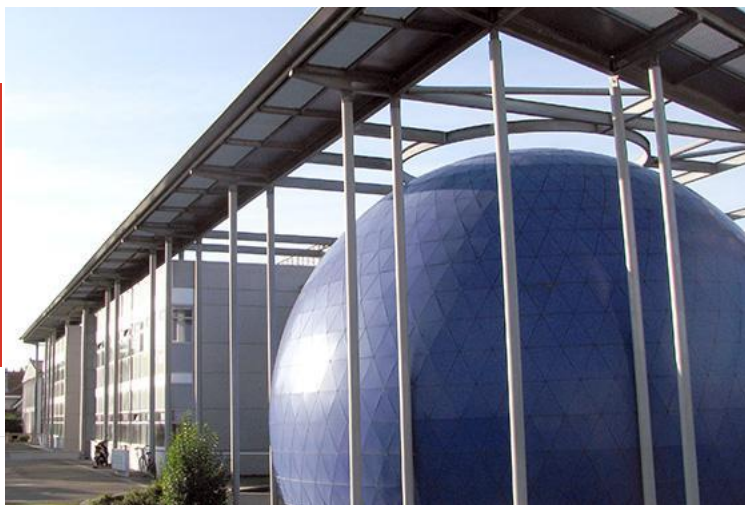


**School of higher
education and
research**

- *High-level* teaching by academics and Biopharm companies
- Consistent partnership network
- Internships in all 3 years of study
- 900 ENSTBB graduates at all over the world



Location

The ENSTBB National School of Biomolecule Technology of Bordeaux, is one of the 7 public **engineering** schools of Bordeaux INP.

The main 3.000m² building is located on the Carreire Campus of the University of **Bordeaux**, in close relationships with the faculties of Medicine and of Pharmacy.

Education, employment and values

At the time of graduation, the ENSTBB graduates have validated a total of five years (i.e. **300 ECTS**) in the higher education system.

ENSTBB offers fundamental and technical training in the field of biotherapies including production, purification and characterisation of high-added-value biomolecules and cellular therapies.

The programme also includes foreign language and management courses and is supported by cutting-edge research. This training makes it possible to meet the needs of the main sectors of **biotechnology** : pharmaceutical, industrial, marine ...

ENSTBB's is engaged in training committed and responsible engineers, capable of responding to the challenges of the 21st century and to the issues of human and animal health, maintaining biodiversity and energy resources by designing and mastering new alternative processes that are more environmentally friendly.

Research and transfer

The ENSTBB benefits of high-technology platforms used in the development of the production and purification of high added value biomolecules.

The industrial chair "**Biotech Sanofi – ENSTBB**" is a laboratory of ideas that promotes discussions and projects between the world of industry and academic knowledge and a tool for pedagogical innovation in line with the realities of the changing pharmaceutical sector.

The ENSTBB has a research-based training and is associated with six research institutes of the CNRS and INSERM.



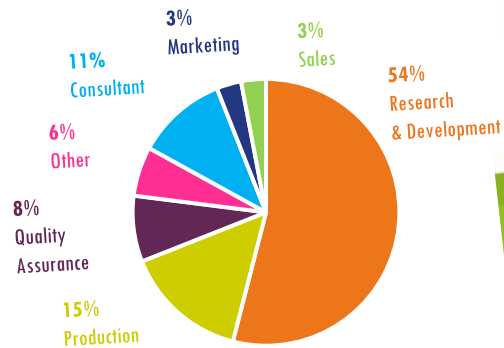
LIST OF PROGRAMME COURSES

- **Fundamental biology**
Cell biology (cell signalling, Stem cells, metabolism...) / Gene expression regulation / Immunology / Therapeutic Strategies (gene, cellula, immune, RNA therapies) / Microbiology
- **Biotechnology sciences and techniques**
Fermentation engineering / Cell culture / Purification / Immunochemistry / Genetic engineering / Genomics / Proteomics / Enzyme engineering / Synthetic biology
- **Engineering sciences**
Process engineering / Instrumentation / Computer science / Bioinformatics / Mathematics - Modelisation / Statistics / Big data analysis / Good manufacturing practices / Biophysics
- **Acquisition of managerial skills**
Languages / Management / Quality assurance / Human Resources / Economics / Sales-Marketing / Project management / Entrepreneurship program

Life science engineering
for tomorrow's healthcare solutions

EMPLOYMENT PROSPECTS

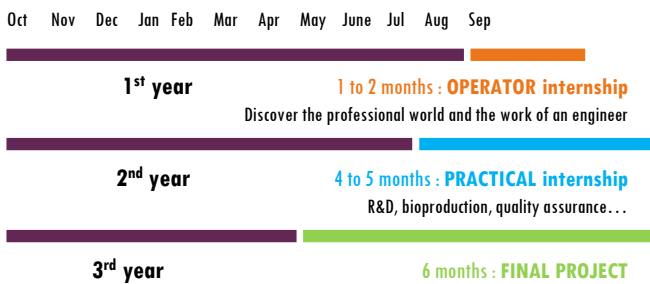
1ST JOB



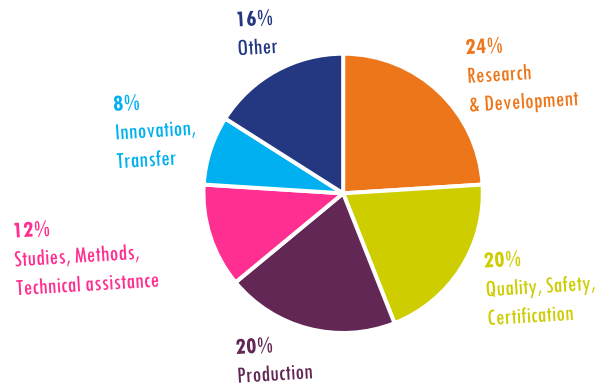
€36,000
average gross annual Starting salary
Class of 2021

50%
of student find first job before diplomation

INTERNSHIP CALENDAR



BUSINESS SECTORS



PARTNERSHIPS

Several companies (Sanofi; Merck; Novartis; l'Oréal) are represented in the ENSTBB management board and development council. They (among other) participate to the part-time training of about 1/4 of the ENSTBB students.



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Associated with
université de BORDEAUX

