Formative Aims

"Tecnologie Farmaceutiche Industriali" second level Master program focuses on European laws on drugs production, regulation and commercialization.

The primary objective of our course is to offer a comprehensive study and discussion of every area of drug preparation. This starts from the choice of "active ingredient", the generation of experiment data in relation to the activity, patent protection, pharmacological activities, and more up to the applications for drug registration and market authorization in Italy and in other countries.

During the Master, students will attend courses related to the pharmaceutical product, starting from the "active ingredient" all the way to the "medicine".

Candidates will also meet professors with a strong background in academic research, as well as representatives of pharmaceutical industries, with expertise in drug regulation and development.

The opportunity to interact with professionals who are involved in every step of the pharmaceutical process is a highlight of this Master.

Furthermore, upon the successful completion of the Master courses and the final exam, students will receive 60 credits (Crediti Formativi Universitari, CFU), which can be recognized in other master degree.

Finally, to link theory and practice, candidates will develop a small project on the pharmaceutical development. They will follow an internship in pharmaceutical companies or government agencies that regulate pharmaceutical products or academic laboratories.

Master Skills and Careers Opportunities

Pharmaceutical companies

The Master will train people to occupy one or more of the following positions in the pharmaceutical field: Research and Development, preparation of synthetic and bio similar compounds, clinical research, regulatory affairs, quality control, quality assurance, pre-formulation and formulation, pharmacovigilance, sterile compounds production and/or industrial waste regulation.

Government agency

The Master will allow students to gain specific competences related to Good Manufacturing Practise about Laboratories, Clinical trial, Production, and Distribution and as well as AIC dossier valuation and variations.