



COURSES AND TUITION

1 Undergraduate Degree course (3 years)
HERBAL PRODUCTS

2 Single-cycle Master's Degree courses (5 years)

PHARMACY

PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY

Contacts

Department of Drug Science and Technology
Via Pietro Giuria, 9 - 10125, Turin
www.dstf.unito.it; www.farmacia-dstf.unito.it
Orientation, Tutoring and Job Placement:
Via Michelangelo, 32 - 10126, Turin
orientamento.dstf@unito.it; jobplacement.dstf@unito.it

For more information courses and tuition, please visit:

https://www.dstf.unito.it/do/home.pl/View?doc=offerta_formativa.html#submenu

Undergraduate Degree Course in Herbal Products

Programme

Course without admission requirements

Length: 3 years: 180 University Credits - Location: Savigliano (CN)

Compulsory attendance

The wide range of studies will include individual practical exercises in the laboratory. Students will be able to benefit from active collaborations with industrial partners in the sector, with the municipality of Savigliano and with the Province of Cuneo. These partnerships will reinforce the students' education and favour future work opportunities.

The programme includes a compulsory apprenticeship, either in Italy or abroad, that will prepare students for the final exam. Possible hosts include: France and the Netherlands at natural parks, mountain communities, botanical gardens, commercial farms, herbal extract producers, cosmetics companies, companies that formulate dietary supplements, pharmacies with herbal medicine departments, herbalist stores, science companies, municipalities, farmers' associations, private companies, ARPA Piemonte and other public institutions...

Aims

To train students to become herbal technicians, which are professionals that are familiar with and can evaluate:

- the techniques for the cultivation, harvesting, conservation and transformation of medicinal plants
- the types and quality of medicinal plants and the products that are derived from them
- the features of production, including the operations of distribution and the sourcing of raw plant materials and their derivatives
- the use of medicinal plants in the health, diet and cosmetics fields
- national and international legislation and deontological rules

Career opportunities

HERBAL TECHNICIAN

- herbalist stores
- pharmacies/parapharmacies, in the herbal medicine, diet and cosmetics departments
- companies that produce herbal extracts and/or that formulate herbal dietary supplements
- companies that specialise in natural and/or organic cosmetics
- poison centres in hospitals for plant, fungi and herbal product-based poisoning
- A.R.P.A laboratories and laboratories at the Chamber of Commerce that perform routine analyses on plant-based food and cosmetics products



Single-cycle Master's Degree course in Pharmaceutical Chemistry and Technology Programme

Course with limited places

Entrance exam

Length: 5 years: 300 University Credits

Location: Turin

Some studies will include individual practical exercises in the laboratory

Single study path up to the first semester of the fourth year; in second semester of the fourth year, students can choose from:

- food pharmacy path
- biotechnology path
- industrial technology, pharmacy, and cosmetics path

During the fourth and fifth years, students must complete a six-month apprenticeship with the following options:

3 + 3 full time in a pharmacy that is open to the public or 3 in a pharmacy that is open to the public + 3 in a hospital pharmacy
Experimental dissertation to be carried out in:

- university laboratories
- private companies in Italy or abroad
- public hospitals or ASL (local health authorities)
- university, hospital or private research centres
- European universities (Erasmus programme)

Aims

To train students to become pharmaceutical chemists and technologists, which are professionals who have the necessary skills for:

- drug research and development
- the formulation of medicines, their quality control and regulatory activity
- the industrial production of cosmetics, medical devices, biocidal products and food supplements

Career opportunities

INDUSTRIAL PHARMACEUTICAL CHEMIST AND

TECHNOLOGIST, which is a person who:

- is qualified to work in pharmaceutical, biopharmaceutical, chemical, cosmetics and food companies and plants
- is responsible for production, as well as quality assurance and control, in the pharmaceutical, chemical, cosmetics and food industries
- qualified to work in pharmaceutical, biopharmaceutical, chemical, cosmetics and food companies and plants
- can work as a chemical analyst in chemical, clinical-chemical, microbiological and public and private environmental analysis laboratories
- can work as a regulatory and inspection official and manager (drafting of reports for drug registration) for medicines for human and veterinary use, and for food and cosmetics products at national and international regulatory bodies
- qualified in clinical research and monitoring to work as a guarantor of international ethics and quality standards in clinical studies

PHARMACIST

- community pharmacies
- hospital pharmacies, via relative specialisation path

MEDICAL REPRESENTATIVE

RESEARCHER AND TECHNICIAN WITH A DEGREE IN THE CHEMICAL AND PHARMACEUTICAL SCIENCES

- research doctorate
- research assistants
- temporary research associate
- professor

Single-cycle Master's Degree course in Pharmacy Programme

Course with limited places

Entrance exam

Length: 5 years: 300 University Credits

Location: Turin

Some studies will include individual practical exercises in the laboratory

Single study path up to the fourth year

In the fifth year, students can choose from:

- theoretical path: literature-review based dissertation
- professional path: apprenticeship-based dissertation (research)
- experimental path: experimental dissertation to be carried out in:
 - university laboratories
 - private companies in Italy or abroad
 - public hospitals or ASL (local health authorities)
 - university, hospital or private research centres
 - European universities (Erasmus programme)

During the fourth and fifth years, students must complete a six-month apprenticeship with the following options:

3 + 3 full time in a pharmacy that is open to the public or 3 in a pharmacy that is open to the public + 3 in a hospital pharmacy

Aims

To train students to become professional pharmacists, which are health workers that:

- can dispense medicines and health products and
- provide information and advice on the correct use of these products
- have excellent communication skills on health-related topics
- can fulfil a fundamental role in prevention campaigns and in managing health emergencies
- are an important reference point on health issues for citizens

Career opportunities

PHARMACIST

- community pharmacies
- hospital pharmacies, via relative specialisation path

MEDICAL REPRESENTATIVE

RESEARCHER AND TECHNICIAN WITH A DEGREE IN THE CHEMICAL AND PHARMACEUTICAL SCIENCES

- research doctorate
- research assistants
- temporary research associate
- professor

