

<b>03. GENERAL AND CLINICAL PHYTOTHERAPY<sup>i</sup></b>	
Level I	
Department of Experimental and Clinical Medicine (DMSC)	
<b>Course coordinator</b>	Francesco Sofi
<b>Executive Committee</b>	Carla Ghelardini Alfredo Vannacci Laura Rasero
<b>Contact person for information regarding teaching organization, class schedule, content of the course</b>	Eugenia Rosaria Gallo <a href="mailto:eugenia.gallo@unifi.it">eugenia.gallo@unifi.it</a>
<b>Practical-professional profile of the course and industry sector of reference</b>	<p>The course aims to meet the training need of various professionals. Disseminate specific knowledge about medicinal plants and clinical phytotherapy in light of the latest findings. All health graduates will undergo training aimed at creating a cultural background in classical Western phytotherapy. Specifically, the course aims to train professionals competent in the use of herbal medicines for preventive, curative, or health promotion purposes. Fostering innovation and applied research. Expanding professional opportunities in the production and communication sectors.</p> <p>At the end of the course, learners will have acquired the following knowledge and skills:</p> <p><b>The biology basics:</b> Botany, Plant Biology, Phytochemistry. Pharmacognosy, Phytogenomics, Applied biotechnology.</p> <p><b>Phytotherapeutics:</b> Herbal medicines, galenicals, herbal products, supplements, essential oils, and plant medical devices. Regulatory aspects. Pharmacopoeia. Prescription.</p> <p><b>General phytotherapy:</b> Ethnomedicine. Herbal tradition, Phyto vigilance, Research methodology, Phyto-galenics, Health economics. Food science, Food chemistry.</p> <p><b>Clinical phytotherapy:</b> Gastroenterology, Hepatology, ENT and broncho-pneumology, Cardiology and metabolic diseases, Urology, Rheumatology, Gynecology, Andrology, Pregnancy, Neurology-Psychiatry, Oncology. Anesthesia and palliative care, Pediatrics, Geriatrics and gerontology, Infectious diseases, Dermatology.</p>
<b>Access prerequisites</b>	<p>Bachelor's degree obtained in accordance with the system under Ministerial Decree No. 270/2004 (or degree under Ministerial Decree No. 509/1999 equated under I.D. July 9, 2009) in one of the following classes:</p> <ul style="list-style-type: none"> <li>• L-2 Biotechnology;</li> <li>• L-13 Biological Sciences;</li> <li>• L-25 Agricultural and Forestry Science and Technology;</li> <li>• L-26 Agri-Food Science and Technology;</li> <li>• L-27 Chemical Science and Technology;</li> <li>• L-29 Pharmaceutical Science and Technology;</li> <li>• L-32 Science and Technology for the Environment and Nature;</li> <li>• L/SNT1 Class of degrees in nursing and midwifery health professions;</li> <li>• L/SNT3 Class of degrees in technical health professions - Dental Hygiene; L/SNT3 Class of degrees in technical health professions - Dietetics or Equivalent Diplomas ex art. 1, paragraph 10, Law 8/1/2002, no. 1;</li> </ul> <p>Single-cycle degree obtained according to the system under Ministerial Decree No. 270/2004 (or specialist degree under Ministerial Decree No. 509/1999 equated under I.D. July 9, 2009) in one of the following classes:</p>

	<ul style="list-style-type: none"> <li>• LM-13 Pharmacy and Industrial Pharmacy</li> <li>• LM-41 Medicine and Surgery</li> <li>• LM-42 Veterinary Medicine</li> <li>• LM-46 Dentistry and dental prosthetics</li> </ul> <p>Bachelor's degree awarded according to a system prior to Ministerial Decree No. 509/1999 in</p> <ul style="list-style-type: none"> <li>• Agro-industrial Biotechnology</li> <li>• Pharmaceutical Biotechnology</li> <li>• Biotechnology - Agricultural plant biotechnology curriculum</li> <li>• Biotechnology - Industrial biotechnology curriculum</li> <li>• Biotechnology - Medical biotechnology curriculum</li> <li>• Biotechnology - Veterinary biotechnology curriculum</li> <li>• Biotechnologies</li> <li>• Pharmaceutical chemistry and technologies</li> <li>• Industrial Chemistry</li> <li>• Chemistry</li> <li>• Pharmacy</li> <li>• Medicine and Surgery</li> <li>• Veterinary medicine</li> <li>• Dentistry and Dental Prosthetics</li> <li>• Psychology</li> <li>• Agricultural science</li> <li>• Agricultural, tropical, and subtropical sciences</li> <li>• Environmental Sciences</li> <li>• Biology</li> <li>• Agricultural science and technologies</li> <li>• Food sciences and technologies</li> <li>• Forestry and environmental sciences</li> <li>• Natural sciences</li> </ul> <p>Bachelor's degree awarded according to a system prior to Ministerial Decree No. 509/1999 of closely related content, deemed suitable by the Executive Committee or a Commission specifically appointed by it.</p>
<b>How the admission procedure takes place</b>	Selection by academic qualifications
<b>Duration</b>	15 months - two years
<b>Teaching methods</b>	blended
<b>Language of instruction</b>	Italian
<b>Attendance requirements</b>	minimum 67%
<b>Location of the course</b>	UNIFI premises at Careggi campus
<b>Foreseen lecture schedule</b>	Classes are held during the week: Wednesday, Thursday, Friday.
<b>Examinations procedures and schedule</b>	There will be mid-term verifications in ways that will be identified later.
<b>Final examination</b>	The final examination consists of the presentation of a final paper.

<b>Available places and enrolment fees</b>	
<b>Full-fee students</b>	
<b>Minimum number</b>	12

<b>Maximum Number</b>	36 <sup>i</sup>
<b>Enrolment fee</b>	€3.000 for the entire course.
<b>Free-of-charge supernumerary places</b>	
<b>AOU Careggi Employees</b>	1
<b>SINGLE MODULES</b>	
<b>None planned</b>	

<b>Description of the activities and training objectives of the internship</b>	Hospital clinical internship at the outpatient clinics of CERFIT, Center for Research and Innovation in Phytotherapy, AOU Careggi, Florence. Galenical laboratories Guided tours of companies in the industry Observational activity. 216 hours of internship.
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<sup>i</sup> This document is a translation of the form A.1 relating to the characteristics of the course attached to the Decree of the Deputy number 873 (record 158006) of 25th of July 2022, drafted in Italian and issued on the Master | Didattica | Università degli Studi di Firenze | UniFI and which therefore constitutes the only official document. This English translation cannot be used for legal purposes and has the sole purpose of supplying information in English on the content of the public notice.

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<sup>i</sup> As modified with the Degree n. 255 (record 48383) of 3<sup>rd</sup> March 2023