

07. CLINICAL COMPETENCE IN HEART FAILURE¹	
Second Level	
Department of Experimental and Clinical Medicine (DMSC)	
The course is held in collaboration with <i>ANMCO – the Italian National Association of Hospital Cardiologists</i>	
Course coordinator	Carlo Rostagno
Organizing committee	Carlo Rostagno Rossella Marcucci Carlo Di Mario
Contact person for information regarding course organization, the schedule of classes and course content	carlo.rostagno@unifi.it
Practical-professional profile of the course and reference job market	<p>The course structure includes a series of modules that, starting with the definition of heart failure, epidemiology, and socioeconomic aspects, specifically address the main cases of decompensation. The pathophysiology, clinical characterization, pharmacological treatment, and co-morbidity management of chronic heart failure are explained and discussed. Management models in different clinical settings that have emerged and have become standard practice are presented and analyzed. In the case of acute and advanced heart failure, two special modules address the treatment of the acute phase, congestion, cardiogenic shock, treatment of advanced heart failure, renal replacement techniques, non-invasive ventilation, and end-of-life treatment. Appropriate management workouts are presented and discussed in detail for both acute and advanced heart failure. Two modules are devoted to imaging, biomarkers, and functional assessment, emphasizing the workout of patients with structural heart disease and myocardial pathology. As for the treatment perspectives, one module is devoted to electrical therapy (resynchronization, defibrillator use, and remote monitoring) and one to surgical treatment and ventricular assist programs, with unique insights into the diagnostic workout of patients with an indication for treatment with transplantation and ventricular assist. Lastly, one module is devoted to the topics of health economics and organization (Essential Levels of Care, health pact, stability law, chronicity plan, DTAPs, continuity of care for chronicity), evaluation of resources expenditure for the treatment of patients with heart failure, and remuneration of activities performed for their benefit.</p> <p>In particular, the course aims to form professionals who can manage patients with heart failure in its different developmental stages and are able to propose organizational models both in hospitals and in the community that can help improve the management of this condition, which has wide social, clinical and economic repercussions.</p> <p>At the end of the course, students will have the competence to manage patients with heart failure in its different developmental stages and to propose organizational models in hospitals and the community.</p>
Admission requirements	<p>Single-cycle Master's degree awarded under Ministerial Decree No. 270/2004 (or Master's degree under Ministerial Decree No. 509/1999, equivalent under I.D. of July 9, 2009) in the class</p> <ul style="list-style-type: none"> • LM-41 Medicine and surgery

	Degree awarded under a system prior to Ministerial Decree No. 509/1999 in <ul style="list-style-type: none"> • Medicine and Surgery Preference will be accorded to those with a specialization in Cardiology or Internal Medicine
Admission procedure	Selection based on qualifications
Duration	12 months
Teaching methods	In-person
Language the course will be delivered in	Foreign candidates' proficiency in Italian is assessed by the Organizing Committee or a Committee specially appointed by it, and through the production of appropriate certifications.
Attendance requirement:	70%
Language knowledge will be tested	The course is held in Italian. Possible verification of knowledge of the Italian language for foreign students according to the certification in use at the University.
Course location	Teaching activities are held at the Department of Cardiovascular medicine, Careggi Hospital, Largo Brambilla, 3 - 50134 Florence
Foreseen lecture days	Classes are also held on Saturdays.
Exam procedures and schedule	Assessment of student progress takes place through exams with a grade expressed in thirtieths (and possible honours) or with a pass/fail mark
Final exam	The final exam consists in the presentation of a paper on heart failure.

Number of available places and enrolment fees	
Full-fee students	
Minimum no. of places	10
Maximum no. of places	36
Extra UE	4
Enrolment fee	3,000 Euros
Free supernumerary places	
UNIFI employees	4
Single modules	
None available	

Description of traineeship activities and training objectives	Traineeship aimed at acquiring practical experience in the management of heart failure. Observational activity. 75 total hours of traineeship.
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ⁱ 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 848 (record 153310) of 2th of July 2024, 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.