

04. BRONCHOSCOPY AND INTERVENTIONAL PULMONOLOGYⁱ	
Second Level	
Department of Experimental and Clinical Medicine (DMSC)	
Course coordinator	Lorenzo Corbetta
Organizing committee	Lorenzo Corbetta Federico Lavorini Sara Tomassetti
Contact person for information regarding course organization, the schedule of classes and course content	Lorenzo Corbetta lorenzo.corbetta@unifi.it
Practical-professional profile of the course and reference job market	<p>This Master Course provides a unique experience in interventional pulmonology, whereby students acquire professional skills and valuable qualifications to further their professional career. The Master Course uses traditional and innovative teaching methods, including manikins, simulators, "real-time" connections with endoscopy rooms, e-learning sessions, and internships in various centres throughout the country.</p> <p>The course will be conducted in Italian, partially translated into English, and published on an E-learning platform.</p> <p>In particular, the course aims to form Interventional Pneumologists and other specialists interested in bronchoscopy and pleural procedures (anaesthesiologists, emergency physicians, ENT, thoracic surgeons) who will be able to find professional outlets in specialized facilities.</p> <p>The synergistic contribution of University and Hospital faculty will allow the formation of versatile pulmonologists or other specialists interested in the subject who have professional skills in diagnostic and operative bronchoscopy, thoracoscopy, and artificial airway management.</p> <p>The Master uses traditional face-to-face and seminar teaching methodologies and innovative methodologies involving virtual reality simulator manikins, "real-time" connections with endoscopy rooms, e-learning sessions, videoconferences, and internships in different Centres throughout the country. Lessons will be conducted according to the Flipped Classroom mode, involving preliminary consultation on the Moodle platform.</p> <p>At the end of the course, students will have acquired the following knowledge and skills.</p> <p>Knowledge regarding:</p> <ul style="list-style-type: none"> Pulmonary neoplasms and solitary pulmonary nodules Tracheo-bronchial lesions and stenosis Diffuse infiltrative pneumopathies and pulmonary granulomatosis Lung infections in COPD and Asthma Pathologies of the pleura and thoracoscopy Emergencies Rare broncho-pulmonary diseases Thoracic-pulmonary pathologies and surgical techniques <p>Skills:</p> <ul style="list-style-type: none"> Diagnostic Bronchoscopy Procedures Operative Bronchoscopy Procedures Anaesthesia in Interventional Pulmonology Paediatric bronchoscopy Pleural procedures Bronchoscopy in Anaesthesia and Resuscitation and in Respiratory ICUs Bronchoscopy in thoracic surgery

Admission requirements	Single-cycle Master's degree awarded in accordance with the system 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 <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
Admission procedure	Selection based on qualifications
Duration	9 months
Teaching methods	In-person, using the following methodologies: simulations, live sessions televised in the classroom, observation in the endoscopy room. Distance learning, using the following methodologies: demonstration of procedures in e-learning.
Language the course will be delivered in	Italian and English
Attendance requirement	at least 67%
Language knowledge will be tested	The course is delivered in both languages, Italian and English, therefore partial knowledge of both languages is required with verification by the Organizing Committee. However, simultaneous translation is foreseen using the WebEx Enterprise platform.
Course location	Teaching activities take place at: AOU Careggi, Largo Brambilla, 3, Florence; Department of Experimental and Clinical Medicine (DMSC), Largo Brambilla 3, Florence; the Student Hotel Florence OPCO, Viale Spartaco Lavagnini, 70/72, Florence; Menarini Foundation Auditorium, Fiesole; Meyer Health Campus, Via Cosimo il Vecchio 26, Florence.
Foreseen lecture days	Classes will be held one week per month.
Exam procedure and schedule	Written and a practical exam on manikins
Final exam	Multiple choice exam and a paper

Number of available places and enrolment fees	
Full-fee students	
Minimum no. of places	8
Maximum no. of places	55
Extra UE	5
Enrolment fee	3,000 Euros
Free supernumerary places	
UNIFI employees	1
Single modules	
None available	

Description of traineeship activities and training objectives	<ol style="list-style-type: none"> 1. Field learning of case management for interventional procedures; 2. Interpreting medical tests prior to performing procedures; 3. Know and manage operational tools and monitoring tools; 4. Teamwork; 5. Learn primary skills for performing interventional procedures.
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	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.