

32. CLINICAL EPIDEMIOLOGY AND GUIDELINE CONSTRUCTIONⁱ

Level II

Department of Health Sciences (DSS)

Course coordinator	Elena Chiappini
Executive Committee	Elena Chiappini Salvatore De Masi Sara Boccalini Paolo Bonanni Angela Bechini
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Practical-professional profile of the course and industry sector of reference	<p>The Course aims to provide expertise in clinical epidemiology and guideline development methodology.</p> <p>In particular, the Course is intended to train clinical epidemiologists and research methodologists who will be able to find employment in public and private health care entities, public and private organizations that conduct research in the epidemiological field, and all industrial and service companies operating in the biomedical sector.</p> <p>To this end, training will be divided into lectures and practice sessions spread over 5 modules of three days per month for 5 months of the academic year. The approximate time will be from 9:00 am to 6:00 pm.</p> <p>The planned mode of attendance is in-person. However, based on the current epidemiological situation due to COVID-19, all or part of the Course may be conducted remotely with students being able to connect remotely in synchronous mode.</p> <p>A 75-hour in-person internship is planned at AOU Careggi or AOU Meyer, Florence, consistent with the current epidemiological situation related to COVID-19. Internship hours will be scheduled in consultation with the host facility.</p> <p>At the end of the training, learners should have acquired knowledge of clinical epidemiology principles, the most common study designs, clinical trial phases, good practices for conducting clinical trials, the methodology for developing and evaluating guidelines and other consensus documents.</p>
How the admission procedure takes place	Selection by academic qualifications
Access prerequisites	<p>Master's degree obtained in accordance with 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">• LM-6 Biology;• LM-9 Medical, Veterinary and Pharmaceutical Biotechnology;• LM-51 Psychology• LM-82 Statistical Sciences• LM/SNT1 Nursing and midwifery sciences;• LM/SNT2 Rehabilitation health professions;• LM/SNT3 Technical health professions;• LM/SNT4 Prevention health professions; <p>Single-cycle degree obtained according to the system under Ministerial Decree No. 270/2004 (or specialist degree under Ministerial Decree No. 509/1999 declared equivalent under I.D. July 9, 2009) in one of the following classes:</p> <ul style="list-style-type: none">• LM-13 Pharmacy and Industrial Pharmacy• LM-41 Medicine and Surgery• LM-42 Veterinary Medicine• LM-46 Dentistry and Dental Prosthetics <p>Degree awarded according to a system prior to Ministerial Decree No. 509/1999</p>

	<p>in</p> <ul style="list-style-type: none"> • Pharmaceutical Biotechnology • Biotechnology - Medical biotechnology curriculum • Biotechnologies • Pharmacy • Medicine and Surgery • Veterinary medicine • Dentistry and Dental Prosthetics • Psychology • Biology <p>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>
Duration	12 months
Teaching methods	Face-to-face classes
Language of instruction	Italian
Attendance requirements	75%
Location of the Course	AOU Meyer Rooms, Florence
Foreseen lecture schedule	Classes are held in 5 monthly modules for one week each month (Wednesday through Friday with a 9:00 am-6:00 pm schedule) - 5 weeks in total
Examinations procedures and schedule	At the end of each monthly module, there will be an assessment through a multiple-choice test on the topics covered. By the end of the Course, learners will be expected to develop and complete a research project in the field of epidemiology.
Final examination	The final examination consists of the presentation of a paper and presentation of a research project and report in the field of epidemiology conducted by the learner during the Master course.
Available places and enrolment fees	
Full-fee students	
Minimum number	5
Maximum Number	30
Enrolment fee	€1,200
Free-of-charge supernumerary places	
UNIFI employees	3
AOU Careggi Employees	3
AOU Meyer Employees	3
USL Toscana Centro Employees	3
Single Modules	
None planned	
Description of the activities and training objectives of the internship	<p>The goal of the internship is to acquire skills in clinical epidemiology (study design, protocol writing, data analysis and collection, manuscript writing); the activity will take place at the Clinical Trial Office of AOU Meyer, Florence; The Clinical Trial Center of AOU Careggi, Florence; and the Ethics Committee of AOU Meyer, Florence.</p> <p>Observational activity. 75 total hours of internship.</p>

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 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.