

18. REPRODUCTIVE HEALTH, ENDOSCOPIC TECHNIQUES, AND MEDICALLY ASSISTED REPRODUCTIONⁱ	
Level I	
Department of Experimental and Clinical Biomedical Sciences "Mario Serio"	
Course coordinator	Maria Elisabetta Coccia
Executive Committee	Maria Elisabetta Coccia Felice Petraglia Claudia Fiorillo Sara Landini Davide Dettore
Contact person for information regarding teaching organization, class schedule, course content	Carlotta Sacchetti masterpma@sbsc.unifi.it Phone 055 794 9667
Practical-professional profile of the course and industry sector of reference	<p>The course is aimed at all practitioners and professionals involved in reproductive health. This multidisciplinary course is geared toward the acquisition of specific knowledge and skills on the sexual and reproductive pathophysiology of women and men, assisted reproductive techniques, endoscopy, and pregnancy management. Innovative aspects such as fertility preservation, preimplantation diagnosis, medical-legal aspects, psychological aspects, communication, and the quality management system will be covered. Specifically, the course aims to train professionals with specialized multidisciplinary skills in the field of reproductive medicine who will be able to find employment opportunities in the field of reproductive medicine.</p> <p>To this end, the Course will be structured into four modules:</p> <ul style="list-style-type: none"> - Module I: Multidisciplinary clinical management of reproductive health - Module II: Pathway of the infertile couple and MAP techniques - Module III: Regulations and quality in MAP - Module IV: Diagnostic imaging and endoscopy. <p>Training will be geared toward the acquisition of knowledge on: Physiopathology of the male and female reproductive system; Multidisciplinary management, in a team, of the diagnostic-therapeutic assistance pathways of couples with reproductive difficulties (reception, support, diagnosis, treatment, outcome monitoring); Obstetric management in reproductive health; Biochemistry and molecular biology of infertility; Comorbidity in reproductive age; I, II and III level homologous and heterologous medically assisted procreation techniques; Oncological fertility and fertility preservation techniques; Genetics in reproductive health and techniques of reimplantation diagnosis; Follow-up of pregnancies and neonatal evaluation of those born to infertile couples; Biobanks of gametes, embryos and gonadal tissue; Quality, safety and prevention of clinical risk in reproductive medicine; Ethical, legal and medico-legal aspects in the field of medically assisted procreation; Aspects psychological support and communication in the infertility problems; Innovative techniques in diagnostic imaging and gynecological endoscopy.</p>
Access prerequisites	<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"> • L-2 Biotechnology; • L-13 Biological Sciences; • L/SNT1 Class of degrees in nursing and midwifery health professions; • L/SNT3 Class of degrees in technical health professions o Equivalent diplomas ex art. 1, par. 10, Law 8/1/2002, no. 1 o Diplomas Schools

	<p>directed for special purposes/equivalent university diplomas ex-art. 17 par. 1 Law 30/12/2010 no. 240</p> <p>Master's degree obtained in accordance with the regulations under Ministerial Decree No. 270/2004 or Master's degree under Ministerial Decree No. 509/1999 in one of the following classes:</p> <ul style="list-style-type: none"> • LM-13 Pharmacy and industrial pharmacy; • LM-41 Medicine and Surgery • LMG/01 Law <p>Degree awarded according to a system prior to Ministerial Decree No. 509/1999 in</p> <ul style="list-style-type: none"> • Pharmaceutical biotechnology • Biotechnology - Medical biotechnology curriculum • Biotechnologies • Pharmaceutical chemistry and technologies • Pharmacy • Law • Medicine and Surgery • Psychology • Biology • Health programming sciences <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>
How the admission procedure takes place	Selection by academic qualifications
Duration	9 months
Teaching methods	Blended: in-person, distance via Webex in synchronous and a-synchronous modes.
Language of instruction	Italian
Attendance requirements	75% of total hours
Location of the course	Careggi University Hospital, Largo Brambilla 3, Florence and online through moodle platform
Foreseen lecture schedule	One weekend per month: Friday and Saturday. Exceptionally there could be long weekends from Thursday to Saturday
Examinations procedures and schedule	<p>Four midterm tests are scheduled at the end of each module. Approximately every 2 months.</p> <p>The assessment of educational activities consists of examinations with a grade expressed in thirtieths and possible mention of honors or with a pass/fail grade in some cases and communicated to the Student Administrative Office by the Coordinator of the Master.</p>
Final examination	The final consists of the presentation of a paper on a topic related to the Master's program, defined together with the Coordinator.

Available places and enrolment fees	
Full-fee students	
Minimum number	6
Maximum Number	40
Enrolment fee	€2,000
Single Modules	
None planned	

Description of the activities and training objectives of the internship	As this is a multidisciplinary Master Course open to different profiles (physicians, biologists, midwives, psychologists, etc.), the training objectives will be established individually for each participant. Observational activity. 125 total hours of internship.
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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 652 (record 154925) of 13th of July 2023, 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.