

**20. ADVANCED PAEDIATRICS AND CHILD HEALTH
GENERAL AND SPECIALIZED PEDIATRIC SCIENCES¹**

Level I

Department of Health Sciences (DSS)

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Practical-professional profile of the course and industry sector of reference	<p>The Level I Master's Degree (in e-learning mode) in Advanced Paediatrics and Child Health - Paediatric Endocrinology and Diabetes is an advanced training course with which physicians, pediatricians, nurses, nutritionists, dietitians, physiotherapists, etc. can acquire up-to-date professional skills on the auxological and physiological characteristics and main medical problems of children, with particular reference to pediatric auxology and endocrinology, to illustrate the complex physiology of children, its evolution, and clarifying the causes of the main pathologies and defining for each the best diagnostic and therapeutic approach.</p> <p>To this end, the course will be structured into 2 separate modules:</p> <ul style="list-style-type: none"> - a first module, with elements of general pediatrics, designed to enable the in-depth knowledge of the physiology and pathology of the child; - a second module, specialized pediatrics, will provide in-depth notions of auxology, pediatric endocrinology, and diabetology. <p>Students who have attended and obtained the Master in Advanced Pediatrics and Child Health - Pediatric Endocrinology and Diabetes, possess the cultural and experiential know-how to comprehensively assess a child and manage their conditions within the country of origin, spreading the pediatric and Pediatric Endocrinology culture in their respective countries.</p> <p>Finally, an additional purpose of this Master is to support projects to train Surgeons, Nurses, Pediatricians, and other health personnel in Sub-Saharan Africa and some countries in need of improved care in pediatric endocrinology and diabetes. A further goal of the Master is to create and activate in these countries research networks in pediatrics, pediatric endocrinology, and diabetes through acquiring these skills. This aspect is one of the most distinctive objectives of the Master Course.</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-24 Psychological sciences and techniques; • L/SNT1 Class of degrees in nursing health professions and midwifery health profession; L/SNT2 Class of degrees in rehabilitation health professions, L/SNT3 Class of degrees in technical health professions or equivalent degrees under Law No. 1/2002, provided they are combined

	<p>with a high school diploma; 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"> • LM-41 Medicine and Surgery • LM-46 Dentistry and dental prosthetics <p>Degree awarded according to a system prior to Ministerial Decree No. 509/1999 in</p> <ul style="list-style-type: none"> • Medicine and Surgery • Dentistry and Dental Prosthetics <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> <p>English language proficiency at least B1 level is also required. It will be evaluated by the Ordering Committee or by a Commission specifically appointed by it, including through the production of appropriate certifications.</p>
How the admission procedure takes place	Selection by academic qualifications
Duration	10 months
Teaching methods	Both synchronous and asynchronous e-learning modes, using the Moodle platform (with a specific page) for the course structure and the Webex platform for lectures
Language of instruction	English
Attendance requirements	67%
Location of the course	E-learning
Foreseen lecture schedule	Classes are held most weeks (except August) for 2 afternoons per week
Examinations procedures and schedule	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; there will be mid-term and final assessments halfway and at the end of the first module and at the end of the second module.
Final examination	Presentation of a paper on a clinical case summary of a specialized problem in Pediatric Endocrinology.

Available places and enrolment fees	
Full-fee students	
Minimum number	5
Maximum Number	30
Enrolment fee	€1500
Free-of-charge supernumerary places	
AOU Meyer Employees	1
Physicians and Health Personnel from and performing their professional activities in the following countries: Mauritania, Senegal, Capo Verde, Liberia, Sierra Leone, Togo, Ghana, Benin, Nigeria, Cameroon, Uganda, Rwanda, Burundi, Gabon, Burkina Faso, Ethiopia, Sudan, South Sudan, Zambia, Angola, Guinea, Ivory Coast, Central African Republic,	30 Those who will take advantage of the free places will still have to carry out the admission procedures by paying on the PagoPA platform the application fee. The stamp duty for non-paying candidates will be borne by the Master Course's funds

Congo Republic, Democratic Republic of Congo, Tanzania, Kenya, Chad, Mali, Niger, Mozambique, Madagascar, Botswana, Namibia, Albania and Afghanistan.	
Single Modules	
None planned	

Description of the activities and training objectives of the internship	<p>Students will also carry out a period of internship to acquire a practical knowledge of the child, growth patterns, measurement techniques and tools to assess it, and the primary diseases and problems, with particular reference to Pediatric Endocrinology and Diabetes. In addition, students participating in the Master Course will acquire the knowledge and techniques to perform the fundamental examinations and tests necessary for framing the child's main pathologies as well as the main therapies, particularly with regard to Pediatric Endocrinology.</p> <p>Observational activity. 200 total hours of internship.</p>
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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 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.