

**27. PEDIATRIC IMMUNOLOGY AND ALLERGOLOGY<sup>i</sup>**

Level II

Department of Health Sciences (DSS)

Course coordinator

Chiara Azzari

**STUDY PLAN**

Subject	Academic Discipline	Credits
<b>The immune system in neonatal and pediatric age and birth defects from newborn screening to gene therapy divided into</b>	MED/38	<b>9</b>
Module 1) Congenital defects of the immune system (IEIs) (IUIS classification)	MED/38	3
Module 2) Diagnosis of IEIs: newborn screening, immunological tests, genetic tests	MED/38	3
Module 3) Anti-infective prophylaxis and therapy of IEIs	MED/38	3
<b>New immunodeficiencies divided into</b>		<b>9</b>
Module 1) Organ-specific immunodisregulation	MED/38	3
Module 2) Autoinflammatory diseases in pediatric age (mono-polygenic)	MED/38	3
Module 3) Interferonopathies: state of the art and research	MED/38	3
<b>Vaccinology divided into</b>	MED/38	<b>6</b>
Module 1) Pediatric vaccinations: the basic rules		3
Module 2) Vaccination in the immunocompromised: exceptions and new frontiers		3
<b>Pathogenetic basis of allergic disease reactions and mechanism of action of biologic drugs</b>	MED/38	<b>3</b>
<b>Respiratory allergic diseases divided into</b>	MED/38	<b>6</b>
Module 1) Respiratory allergies: allergic rhinitis and specific inhalant immunotherapy	MED/38	3
Module 2) Respiratory allergies: allergic asthma and respiratory function tests	MED/38	3
<b>IgE and non-IgE mediated food allergies: from anaphylaxis to FPIES divided into</b>	MED/38	<b>6</b>
Module1) Oral desensitization for food	MED/38	3
Module 2) Anaphylaxis: Therapeutic Management (Guidelines)	MED/38	3
<b>Allergology and skin</b>		<b>6</b>
Module 1) Acute and chronic urticaria	MED/38	3
Module 2) Atopic dermatitis	MED/38	3
<b>Allergy to drugs and Hymenoptera</b>	<b>MED/38</b>	<b>3</b>
<b>Total credits for face-to-face classes</b>		<b>48</b>
Internship		6
Final examination		6
<b>Total</b>		<b>60</b>

<sup>i</sup> This document is a translation of the form A.2 relating to the study plan 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