

**11. RARE DISEASES<sup>i</sup>**

Level II

**Department of Experimental and Clinical Medicine (DMSC)**

**Course coordinator**

Francesco Annunziato

Cristina Scaletti Scientific Coordinator

**STUDY PLAN**

<b>Subject</b>	<b>Academic Discipline</b>	<b>CREDITS</b>
<b>Module 1</b>		<b>12</b>
Historical, epidemiological, and legislative aspects in rare diseases. The Regional Listening Center. The importance of Patient Associations. The Regional Rare Diseases Registry.	MED/09	3
TUSCANY REGIONAL NETWORK for Rare Diseases: organization and model. From European networks to regional governance to PDTA construction.	MED/09	3
Genetics and Rare Diseases. Drugs and Rare Diseases.	BIO/14	3
Data analysis, biomedical engineering, and Rare Diseases.	ING-INF/06	3
<b>Module 2</b>		<b>39</b>
Research in Rare Diseases.	MED/04	3
Rare Bone Diseases. Rare Endocrine Diseases.	MED/13	3
Rare Cardiac Diseases. Aging in Rare Cardiac Diseases.	MED/11	3
Rare Hematological Diseases. Rare Thrombophilic Diseases.	MED/15	3
Immunodeficiencies, Autoinflammatory Diseases, and Rare Autoimmune Diseases. Rare Infectious Diseases.	MED/09	3
Rare Neuromuscular Diseases. Rare Musculoskeletal and Connective Tissue Diseases.	MED/16	3
Rare Vascular Diseases. Rare Dermatological Diseases.	MED/05	3
Hepatic Diseases and Congenital and Hereditary Abnormalities of the Digestive System and Abdominal Wall.	MED/09	3
Rare Metabolic Diseases. Early Diagnosis in Rare Diseases: Newborn screening. Congenital Malformations and Rare Intellectual Disabilities.	MED/38	3
Rare Neurological Diseases.	MED/39	3

<b>Subject</b>	<b>Academic Discipline</b>	<b>CREDITS</b>
Rare Tumors.	MED/06	3
Rare Ophthalmology Diseases. Rare Renal and Urogenital Diseases.	MED/30	3
Rare Respiratory Diseases. Pediatric Transplants. The Rare Epilepsies. Craniofacial Abnormalities and Rare Otolaryngological Disorders.	MED/10	3
<b>Total credits for face-to-face classes</b>		<b>51</b>
Internship - MODULE 1		3
Internship - MODULE 2		3
Final examination		3
<b>Total credits</b>		<b>60</b>

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<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 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