

07. COMPUTATIONAL BIOMEDICINEⁱ

Level II

Department of Experimental and Clinical Medicine (DMSC)

Course coordinator

Alberto Magi

STUDY PLAN

Subject	Academic Discipline	CREDITS
Molecular Oncology, Immunology, Cardiology, and Physiology (integrated subject)		15
Molecular Oncology	MED/06	4
Molecular Immunology	MED/04	4
Molecular Cardiology	MED/05	4
Integrated Physiology	BIO/09	3
Informatics for Biomedicine (integrated subject)		10
Programming Languages, Databases	ING-INF/05	3
Data Mining	ING-INF/05	4
Applications of artificial intelligence to precision medicine	ING-INF/05	3
Bioengineering (integrated subject)		6
Image processing for biomedicine	ING-INF/06	3
Wearable sensors for biomedicine	ING-INF/03	3
Omic Sciences (integrated subject)		13
Genomics and epigenomics applied to medicine	MED/03	3
Bioinformatics for the Omic Sciences	ING-INF/06	10
Total credits for face-to-face teaching		44
Internship		10
Final examination		6
Total credits		60

ⁱ 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 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.