

LM21

1° anno

Numero	Corso	ssd	CFU	codice	Semestre	docente
1	Cardiovascular medicine	MED/11	8	148001-MOD1	2	Sergio Caravita
	General medicine	MED/09		148001-MOD3	1	Sergio Caravita
2a	Advanced biomedical imaging & machine learning	ING-INF/06	6	175000-M1	2	da definire
2b	Medical informatics	ING-INF/06	6	175000-M2	2	da definire
3a	Biomechanics and medical device simulations	ING-IND/34	9	175001-M1	1	Ettore Lanzarone
3b	Technologies for regenerative medicine	ING-IND/34	6	175001-M2	1	Emma Campiglio
4	Medical support systems for chronic diseases	ING-IND/34	6	148003	1	Ettore Lanzarone
Due insegnamenti a scelta tra i seguenti						
5-6	Healthcare operations	ING-IND/17	12	148005-M1	1	Fabiana Pirola
	Advanced Biomaterials	ING-INF/01		175002	2	Marina Cabrini
	Control and modeling of biological systems	ING-INF/04		175003	2	Antonio Ferramosca
Totale 1° anno			53			

2° anno

Numero	Corso	ssd	CFU	codice	Semestre	docente
7a	Digital human modelling & rehabilitation	ING-IND/15	6	148008	1	
7b	Biomedical sensors	ING-INF/01	6		1	
8	Advanced Regulatory Affairs for Medical Devices	ING-IND/34	6	175004	2	
9	Data Science in biomedicine	ING-INF/06 (3 cfu)	6	175005	2	
		ING-INF/04 (3 cfu)				
Biomechanical Lab				175009		
10	Image-based biomechanics lab	ING-IND/34	3	148021-5	2	
	Rehabilitation lab	ING-IND/15	3	148021-4		
	Biofluids and microfluidics lab	ING-IND/06	3	175006		
ICT/Electronic Lab				175010		
11	Sensing devices lab	ING-INF/01	3	148021-3	1	
	Data analysis lab	ING-INF/04	3	148021-1		
	Virtual reality Lab	ING-IND/15	3	175007		
12	Due insegnamenti a scelta dello studente		12			
Totale 2° anno			54			

Esame finale		12	175008
Crediti riservati alle attività art. 10, comma 5 lett.d		1	
Totale		120	

Insegnamenti a scelta	SSD	CFU	CODICE
Virtual and physical prototyping	ING-IND/15	6	161001-M1
Healthcare project and innovation management	ING-IND/35	6	
Epidemiology and policy decision	SECS-P/01 SECS-S/02	6	
Forensic medicine for medical technologies	MED/43	6	148023
Acustica Applicata	ING-IND/10	6	60118
Computational Fluid Dynamics	ING-IND/06	6	39070-ENG
Materials for advanced engineering applications	ING-IND/22	6	39171-ENG
Scienza delle Costruzioni	ICAR/08	6	22034
Computational Mechanics of Solids and Structures	ICAR/08	6	60039-ENG