

Anno di corso	Titolo Corso/Corso integrato	Tot. CFU	SSD MODULI	CFU SSD/moduli
I	Fundamentals of Experimental Physics	10	FIS/01	10
	Chemistry and Organic Chemistry	6	CHIM/07	6
	Mathematics	10	MAT/05	7
			MAT/03	3
	Cell Biology, Embriology and Histology	11	BIO/13	5
			BIO/17	4
			BIO/16	2
	Regional anatomy and gross neuroanatomy	8	BIO/16	8
	Cell Physiology and Biochemistry I	7	BIO/10	5
		BIO/09	2	
Professionalism, Bioethics and History of Medicine	4	M-PED/01	2	
		M-FIL/02	1	
		MED/02	1	
	Attività professionalizzante	1		
II	Statistics	6	SECS-S/01	4
			SECS-S/02	2
	Automation and Mechatronics	6	ING-IND/13	3
			ING-INF/04	3
	Bioelectric signal processing and modeling	4	ING-INF/06	4
	Computer science	5	ING-INF/05	5
	Basics of Circuit theory	5	ING-IND/31	5
	Physiology, Anatomy and Biochemistry II	25	BIO/09	14
			BIO/16	6
			BIO/10	5
Molecular and Computational Biology and Medical Genetics	9	MED/03	4	
		BIO/11	3	
		ING-INF/05	1	
		ING-INF/06	1	
	Attività professionalizzante	1		
III	Biomedical Electronics and instrumentation	10	ING-INF/06	7
			ING-INF/01	1
			FIS/07	1
			MED/36	1
	Biomechanics and Thermodynamics	11	ING-IND/34	8
			ING-IND/10	3
	Biocompatibility and Biomaterials	5	ING-IND/34	5
	Pathology, Immunology and Microbiology	19	MED/04	10
		MED/07	5	
		MED/08	4	
Doctor - Patient Communication	3	M-PSI/08	2	
		M-PSI/01	1	
	Attività professionalizzante	9		
	Organ System Diseases I: Blood, Heart and Lung	10	MED/11	2
			MED/11	2
			MED/10	3
			MED/15	2
			MED/18	1
	Organ System Diseases II: Kidney and Genito-urinary		MED/14	3

IV	Organ System Diseases II: Kidney and Genito-urinary system	5	MED/18	1
			MED/24	1
	Public health	5	MED/42	2
			MED/42	1
			MED/44	2
	Healthcare Management	5	ING-IND/35	5
	Pharmacology	8	BIO/14	8
	Machine learning and Artificial Intelligence	5	ING-INF/05	5
	Organ System Diseases III: Endocrine and Gastrointestinal systems, Nutrition and Metabolism	11	MED/12	4
			MED/13	2
			MED/13	1
		MED/18	2	
		MED/18	2	
<i>Doctor - Patient Communication</i>	1	M-PSI/08	1	
Patient specific modeling and technologies for artificial organs	6	ING-IND/34	6	
Attività professionalizzante	14			
V	Molecular Oncology	8	MED/08	1
			MED/08	2
			MED/06	2
			MED/15	2
			MED/05	1
	Clinical Neurosciences and Mental Health	7	MED/26	4
			MED/37	1
			MED/25	1
			MED/27	1
	Advanced Imaging and Diagnostics	9	MED/36	4
			MED/03	1
			MED/08	1
			ING-INF/06	3
	<i>Doctor - Patient Communication</i>	1	M-PSI/08	1
	Head and Neck Diseases	6	MED/28	2
			MED/30	2
			MED/31	1
			MED/32	1
Dermatology, Clinical immunology and infectious diseases	7	MED/17	3	
		MED/35	2	
		MED/16	2	
Bone and joint and Technologies in Rehabilitation	11	MED/33	3	
		MED/34	1	
		MED/36	1	
		MED/48	1	
		ING-IND/34	1	
		ING-INF/06	4	
Attività professionalizzante	20			
Patient Management			MED/09	9
			MED/18	4
			MED/06	1
			MED/22	1
			M-PSI/08	2

			MED/45	1
	Pediatrics, Ostetrics and Gynecology	6	MED/38	3
			MED/40	3
VI	Healthcare Robotics and active ageing	10	MED/09	2
			MED/09	1
			ING-INF/06	3
			ING-INF/06	1
			ING-IND/13	3
	Emergency and Life support	7	MED/41	2
			MED/09	2
			MED/18	1
			ING-IND/34	1
ING-INF/06			1	
Legal Medicine and Bioethics	4	MED/43	2	
		IUS/09	2	
	Attività professionalizzante	15		
I-VI	Corsi Elettivi	8		
V-VI	Tesi	8		