



Master's Degree Program in "MEDICINE AND SURGERY"

**MEDICINE & SURGERY STUDY PLAN A.Y. 2023-24**

**First year**

Integrated Course	CFU	Subject	SSD	Type	CFU Lectures	SEM	CFU Training activity
Medical Physics, Statistics and Bioinformatics	10	- Medical Physics - Medical Statistics - Bioinformatics	FIS/07 MED/01 INF/01	A B B	5 2 3	I	
The Living Matter	5 out of 12	- Chemistry	BIO/10	A	5	I	
Molecular and Cellular Biology	9	- Molecular Biology - Cellular Biology	BIO/11 BIO/13	A A	4 5	I	
Genetics	6	- Molecular Genetics - Genetics	BIO/13 MED/03	A B	4 2	II	
Histology and Embryology	8	- Histology - Embryology	BIO/17 BIO/17	A A B	4 3 1	II	
The Living Matter	7 out of 12	- Biochemistry	BIO/10	A	7	II	
Body Architecture	5	- Body Architecture	BIO/16	A	5	II	
Early Clinical Contact and Communication Skills (I)	1 out of 7	- Early Clinical Contact	MED/41	B	1	II	



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Second year

Integrated Course	CFU	Subject	SSD	Type	CFU Lectures	Type	CFU Training Activities	SEM
Human Anatomy	8	- Human Anatomy	BIO/16	A B	7 1			I
Physiology	7	- Physiology	BIO/09	A	7			I
Microbiology	5	- Microbiology	MED/07	B	5			I
Early Clinical Contact and Communication Skills (II)	6 out of 7	- Early Clinical Contact - Communication Skills	MED/41 M-FIL/05	B C	3 2	F	1	I
Neuroanatomy	6	- Neuroanatomy	BIO/16	A B	5 1			II
Neurophysiology	5	- Neurophysiology	BIO/09	A	5			II
Mechanisms of Disease	12	- General Pathology - Physiopathology - Immunology	MED/04 MED/04 MED/04	B B B	4 4 4			II



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Third Year

Integrated Course	CFU	Subject	SSD (old name – new name)	Type	CFU	Semester/ Time period
Clinical Semeiotics	10	Medical Semeiotics	MED/09 – MEDS-05/A	B	2	I
				B	2	
				C	1	
		Surgical Semeiotics mod. A mod. B	MED/18 – MEDS-06/A	B	4	
				C	1	
Head and Neck	8	Odontostomatological Diseases Maxillo-Facial Surgery Otorhinolaryngology Audiology Ophthalmology	MED/28 - MEDS-16/A  MED/29 - MEDS-15/B MED/31 - MEDS-18/A MED/31 - MEDS-18/A MED/30 - MEDS-17/A	B	1	I
				B	1	
				B	2	
				B	1	
				B	2	
				B	1	
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	4 di 9	Infectious Diseases	MED/17 – MEDS-10/B	B	4	I
Cardiovascular and Respiratory Diseases	9	Cardiovascular Diseases  Respiratory Diseases Thoracic Surgery Vascular Surgery Cardiac Surgery	MED/11 – MEDS-07/B  MED/10 -MEDS-07/A MED/21 – MEDS-13/A MED/22 - MEDS-13/B MED/23 – MEDS-13/C	B	1,5	II
				B	1,5	
				C	3	
				C	1	
				B	1	
				B	1	
Clinical Laboratory Medicine	8	Clinical Biochemistry  Clinical Pathology	BIO/12 – BIOS-09/A  MED/05 – MEDS-02/B	B	3	II
				B	1	
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	5 of 9	Skin and Sexually Transmitted Diseases Plastic Surgery mod. A	MED/35 – MEDS-10/C  MED/19 -MEDS-14/A	B	1	II
				B	2	
				B	1	



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		mod. B		C	1	
Third Year Clinical Clerkship – Medical Specialties I	3		NN	F	3	Y
Third Year Clinical Clerkship – Surgical Semeiotics I	2		MED/18 – MEDS-06/A	F	2	Y
Third Year Clinical Clerkship – Head & Neck	3		NN	F	3	Y
Third Year Clinical Clerkship – Surgical Semeiotics II	2		MED/18 – MEDS-06/A	F	2	Y
Third Year Clinical Clerkship – Medical Specialties II	3		MED/09 – MEDS-05/A	F	3	Y
Third Year Clinical Clerkship - Cardiovascular and Respiratory Diseases	2		NN	F	2	Y
Third Year Clinical Clerkship – Surgical Specialties I	2		NN	F	2	Y
Third Year Clinical Clerkship – Surgical Specialties II	2		NN	F	2	Y



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Fourth year

Integrated Course	CFU	Subject	SSD (old name – new name)	Type	CFU Lectures	Hours	E- learning lessons	SEM	Docenti Coordinatore C.I. Docente di riferimento
Endocrine, Metabolic and Rheumatological Diseases	8	Endocrinology	MED/1 –MEDS-08/A	B	3	36		I	Marta Ragonese Giuseppina Russo <u>Fabiola Atzeni</u> Fabiola Atzeni
		Metabolic Diseases	MED/09-MEDS-05/A	B	2	24			
		Rheumatology mod. A	MED/16-MEDS-09/C	B	2	24			
		Rheumatology mod. B		C	1	12			
Nephro-Urological Diseases	4	Nephrology	MED/14-MEDS-08B	B	2	24		I	<u>Domenico Santoro</u> Vincenzo Ficarra
		Urology	MED/24-MEDS-14C	B	2	24			
Pathology	10	Pathology	MED/08-MEDS-04/A	B	3	36	7	I	Antonio Ieni <u>Guido Fadda</u> Maurizio Martini Vincenzo Fiorentino
				B	3	36			
				B	3	36			
				B	1	12			
Hematology and Oncology	9	Hematology	MED/15-MEDS-09/B	B	2	24		II	<u>Alessandro Allegra</u> Fabio Stagno Maria C. Santarpia Massimiliano Berretta Tindara Franchina Tindara Franchina
				B	2	24			
		Oncology mod. A	MED/06-MEDS-09/A	B	2	24			
				B	1	12			
				B	1	12			
mod. B		C	1	12					
Imaging and Radiotherapy	6	Imaging	MED/36-MEDS-22/A	B	1	12	1	II	<u>Alfredo Blandino</u> Carmela Visalli Tommaso D'Angelo Maria Adele Marino Alfredo Campenni Stefano Pergolizzi
				B	1	12			
				B	1	12			
				B	1	12			
		Nuclear Medicine Radiotherapy	MED/36-MEDS-22/A MED/36-MEDS-22A	B	1	12			
				B	1	12			
Gastroenterological Diseases	3	Gastroenterology	MED/12-MEDS-10/A	B	1	12	1	II	<u>Walter Fries</u> Carlo Saitta Pierluigi Consolo
				B	1	12			
				B	1	12			
Hygiene and Global Public Health	8	Hygiene and Global Public Health	MED/42-MEDS-24/B	B	5	60	6	II	Alessio Facciola



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		Occupational Medicine	MED/44-MEDS/25B	B B	2 1	24 12			Chiara Costa Silvia Vivarelli
Fourth Year Clinical Clerkship – Medical Specialties I	3		NN	F	3	75		Y	Marta Ragonese Giuseppina Russo Fabiola Atzeni
Fourth Year Clinical Clerkship – Urology	1		MED/24 - MEDS-14C	F	1	25		Y	Vincenzo Ficarra
Fourth Year Clinical Clerkship – Medical Specialties II	2		NN	F	2	50		Y	Fabio Stagno Tindara Franchina
Fourth Year Clinical Clerkship - Abdominal Diseases	2		NN	F	2	50		Y	Domenico Santoro Carlo Saitta
Fourth Year Clinical Clerkship – Services I	2		NN	F	2	50		Y	Vincenzo Fiorentino Tommaso D'Angelo
Fourth Year Clinical Clerkship – Services II	2		NN	F	2	50		Y	Alfredo Campenni Giuseppe Iatì



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Fifth year

Integrated Course	CFU	Subject	SSD (old name – new name)	Type	CFU	Semester/ Time period
Neuroscience	8	Neurology	MED/26-MEDS-12/A	B	3	I
				B	1	
		Neurosurgery Neuroradiology	MED/27- MEDS-15/A	B	2	
			MED/37- MEDS-22/B	B	1	
Obstetrics and Gynecology & Fetal Development Abnormalities	5	Obstetrics and Gynecology	MED/40-MEDS-21/A	B	2	I
				B	1	
		Fetal Development Abnormalities	MED/03-MEDS-01/A	C	1	
Pharmacology	10	Pharmacology	BIO/14 - BIOS-11/A	B	7	I
				B	2	
				B	1	
Pediatric Science	6	Pediatrics	MED/38 – MEDS-20/A	B	4	II
		Pediatric Surgery	MED/20 - MEDS-14/A	B	1	
		Child Neuropsychiatry	MED/39 – MEDS-20/B	B	1	
Psychiatry and Clinical Psychology	7	Psychiatry	MED/25 -MEDS-11/A	B	5	II
		Clinical Psychology	M-PSI/08-PSIC-04/B	B	2	
Orthopedics and Traumatology & Physical and Rehabilitation Medicine	6	Orthopedics and Traumatology Physical and Rehabilitation Medicine	MED/33-MEDS-19/A	B	2	II
				B	2	
			MED/34-MEDS/19/B	B	2	
Legal Medicine	5	Legal Medicine	MED/43 -MEDS-25/A	B	4	II
		Bioethics	MED/43-MEDS-25/A	B	1	



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Fifth Year Clinical Clerkship – Medical Specialties	3		NN	F	3	Y
Fifth Year Clinical Clerkship – Neuroradiology	1		MED/37- MEDS-22/B	F	1	Y
Fifth Year Clinical Clerkship - Obstetrics and Gynecology –	2		MED/40-MEDS-21/A	F	2	Y
Fifth Year Clinical Clerkship –Pediatrics I	2		NN	F	2	Y
Fifth Year Clinical Clerkship –Pediatrics II	2		NN	F	2	Y
Fifth Year Clinical Clerkship – Surgical Specialties	3		NN	F	3	Y



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Sixth Year

Integrated Course	CFU	Subject	SSD (old name – new name)	Type	CFU	Semester/ Time period
Internal Medicine	8	Internal Medicine mod. A	MED/09 -MEDS-05A	B	2	I
		Internal Medicine mod. B		B B B B B C	1 1 1 1 1 1	
General Surgery	9	General Surgery mod. A	MED/18-MEDS-06/A	B	5	I
		General Surgery mod. B		B C	3 1	
Emergency and Intensive Care	6	Anesthesiology and Intensive Care	MED/41- MED-23/A	B	2	II
		Emergency Medicine	MED/09-MEDS-05/A	B	2	
		Emergency Surgery	MED/18 -MEDS-06/A	B	2	
Sixth Year Clinical Clerkship Internal Medicine I	3		MED/09 -MEDS-05/A	F	5	Y
Sixth Year Clinical Clerkship Internal Medicine II	2		MED/09 -MEDS-05/A	F	2	Y
Sixth Year Clinical Clerkship -General Surgery I	2		MED/18-MEDS-06/A	F	2	Y
Sixth Year Clinical Clerkship -General Surgery II	2		MED/18-MEDS-06/A	F	2	Y
Sixth Year Clinical Clerkship – Medical Specialties	2		NN	F	2	Y
Sixth Year Clinical Clerkship – Surgical Specialties	2		NN	F	2	Y



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TPVES Practical Evaluation Traineeship (15 CFU) (5<sup>th</sup>-6<sup>th</sup> year)

AREA/DOMAIN	CFU	Subject	SSD	Type	CFU	Period
Clinical	5	- Internal Medicine	MED/09- MEDS-05/A	F	3	Y
		- Emergency Medicine	MED/09- MEDS-05/A	F	1	
		- Pediatrics	MED/38- MEDS-20/A	F	1	
Surgical	5	- General Surgery	MED/18 – MEDS-06/A	F	3	Y
		- Emergency Surgery	MED/18 – MEDS-06/A	F	1	
		- Pediatric Surgery	MED/20 – MEDS-15/A	F	1	
General Practice	5	To be carried out at the General Practitioners' Clinic		F	5	Y

Sixth Year – Final exam

	CFU/ Credits	Learning activity	SSD	TAF/ Type	CFU/ Credits	Period
Final exam	18	Thesis preparation	Elective	E	17	Y
		Graduation exam			1	

Legenda:

A: lectures of basic science subjects  
 B: lectures of characterizing subjects  
 C: lectures of complementary subjects  
 D: elective activities  
 E: final exam  
 F: training activities

Y= yearly  
 ECTS: European Credit Transfer and Accumulation system  
 1 ECTS lectures: 12 hours  
 1 ECTS training activities: 25 hours