



Master's Degree Program in "MEDICINE AND SURGERY"

**MEDICINE & SURGERY STUDY PLAN A.Y. 2024-25**

**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 (old name – new name)	Type	CFU Lectures	SEM
Human Anatomy	8	Human Anatomy mod. A Human Anatomy mod. B	BIO/16 – BIOS-12/A	A B	7 1	I
Physiology	7	Physiology	BIO/09 – BIOS-06/A	A	7	I
Microbiology	5	Microbiology	MED/07 – MEDS-03/A	B	5	I
Early Clinical Contact and Communication Skills (II)	5 di 7	Early Clinical Contact Communication Skills	MED/41 -MEDS-23/A M-FIL/05 – PHIL-04/B	B C	3 2	I
Neuroanatomy	6	Neuroanatomy mod. A mod. B	BIO/16 -BIOS-12/A	A B	5 1	II
Neurophysiology	5	Neurophysiology	BIO/09 – BIOS-06/A	A	5	II
Mechanisms of Disease	12	General Pathology Physiopathology Immunology	MED/04 -MEDS-02/A MED/04 – MEDS-02/A MED/04 – MEDS-02/A	B B B	4 4 4	II
Second Year Clinical Clerkship- Early Clinical Contact (II)	1	Early Clinical Contact	MED/41 - MEDS-23/A	F	1	Y



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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 B C	2 2 1	I
		Surgical Semeiotics mod. A mod. B	MED/18 – MEDS-06/A	B C	4 1	
Head and Neck	8	Odontostomatological Diseases	MED/28 - MEDS-16/A	B	1	I
		Maxillo-Facial Surgery	MED/29 - MEDS-15/B	B	1	
		Otorhinolaryngology	MED/31 - MEDS-18/A	B	2	
		Audiology	MED/31 - MEDS-18/A	B	1	
		Ophthalmology	MED/30 - MEDS-17/A	B B	2 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	MED/11 – MEDS-07/B	B B	1,5 1,5	II
		Respiratory Diseases	MED/10 -MEDS-07/A	C	3	
		Thoracic Surgery	MED/21 – MEDS-13/A	C	1	
		Vascular Surgery	MED/22 - MEDS-13/B	B	1	
		Cardiac Surgery	MED/23 – MEDS-13/C		1	
Clinical Laboratory Medicine	8	Clinical Biochemistry	BIO/12 – BIOS-09/A	B B	3 1	II
		Clinical Pathology	MED/05 – MEDS-02/B	B	4	
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	5 of 9	Skin and Sexually Transmitted Diseases	MED/35 – MEDS-10/C	B B	1 2	II
		Plastic Surgery mod. A	MED/19 -MEDS-14/A	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 Metabolic Diseases Rheumatology mod. A Rheumatology mod. B	MED/1 –MEDS-08/A	B	3	36		I	Marta Ragonese Giuseppina Russo <u>Fabiola Atzeni</u> Fabiola Atzeni
			MED/09-MEDS-05/A	B	2	24			
			MED/16-MEDS-09/C	B	2	24			
				C	1	12			
Nephro-Urological Diseases	4	Nephrology Urology	MED/14-MEDS-08B	B	2	24		I	<u>Domenico Santoro</u> Vincenzo Ficarra
			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		
			B	1		
		Neurosurgery	MED/27- MEDS-15/A	B	2	
Neuroradiology	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	
Fifth Year Clinical Clerkship – Medical Specialties	3		NN	F	3	Y



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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
				B	1	
				B	1	
				B	1	
				B	1	
				B	1	
		Internal Medicine mod. B	C	1		
General Surgery	9	General Surgery mod. A	MED/18-MEDS-06/A	B	5	I
		General Surgery mod. B		B	3	
				C	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