



Corso di Studio Magistrale a Ciclo Unico 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	



Corso di Studio Magistrale a Ciclo Unico in "MEDICINE AND SURGERY"

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



Corso di Studio Magistrale a Ciclo Unico in "MEDICINE AND SURGERY"

Third Year

Integrated Course	CFU	Subject	SSD (old name – new name)	Type	CFU Lectures	SEM
Clinical Semeiotics	10	Medical Semeiotics	MED/09 – MEDS-05/A	B	4	I
				C	1	
		Surgical Semeiotics mod. A	MED/18 – MEDS-06/A	B	4	
		mod. B		C	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	2	
				B	1	
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	4 out of 9	Infectious Diseases	MED/17 – MEDS-10/B	B	4	I
Cardiovascular and Respiratory Diseases	9	Cardiovascular Diseases	MED/11 – MEDS-07/B	B	3	II
		Respiratory Diseases	MED/10 -MEDS-07/A	B	3	
		Thoracic Surgery	MED/21 – MEDS-13/A	C	1	
		Vascular Surgery	MED/22 - MEDS-13/B	C	1	
		Cardiac Surgery	MED/23 – MEDS-13/C	B	1	
Clinical Laboratory Medicine	8	Clinical Biochemistry	BIO/12 – BIOS-09/A	B	4	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	3	II
		Plastic Surgery mod. A	MED/19 -MEDS-14/A	B	1	
		mod. B		C	1	
Third Year Clinical Clerkship	19	Medical Semeiotics	MED/09 – MEDS-05/A	F	4	Y



Corso di Studio Magistrale a Ciclo Unico in "MEDICINE AND SURGERY"

	Surgical Semeiotics	MED/18 – MEDS-06/A	F	4	
	Cardiovascular Diseases	MED/11 – MEDS-07/B	F	1	
	Respiratory Diseases	MED/10 -MEDS-07/A	F	1	
	Thoracic Surgery	MED/21 – MEDS-13/A	F	1	
	Vascular Surgery	MED/22 – MEDS-13/B	F	1	
	Cardiac Surgery	MED/23 – MEDS-13/C	F	1	
	Maxillo-Facial Surgery	MED/29 – MEDS-15/B	F	1	
	Ophthalmology	MED/30 -MEDS-17/A	F	1	
	Otorhinolaryngology	MED/31 -MEDS-18/A	F	1	
	Infectious Diseases	MED/17 – MEDS-10/B	F	1	
	Skin and Sexually Transmitted Diseases	MED/35 – MEDS-10/C	F	1	
	Plastic Surgery	MED/19 -MEDS-14/A	F	1	



Corso di Studio Magistrale a Ciclo Unico in "MEDICINE AND SURGERY"

Fourth year

Integrated Course	CFU	Subject	SSD (old name – new name)	Type	CFU Lectures	SEM
Endocrine, Metabolic and Rheumatological Diseases	8	Endocrinology Metabolic Diseases Rheumatology mod. A Rheumatology mod. B	MED/1 –MEDS-08/A MED/09-MEDS-05/A MED/16-MEDS-09/C	B B B C	3 2 2 1	I
Nephro-Urological Diseases	4	Nephrology Urology	MED/14-MEDS-08B MED/24-MEDS-14C	B B	2 2	I
Pathology	10	Pathology	MED/08-MEDS-04/A	B	10	I
Hematology and Oncology	9	Hematology Oncology mod. A mod. B	MED/15-MEDS-09/B MED/06-MEDS-09/A	B B C	4 4 1	II
Imaging and Radiotherapy	6	Imaging Nuclear Medicine Radiotherapy	MED/36-MEDS-22/A MED/36-MEDS-22/A MED/36-MEDS-22A	B B B	4 1 1	II
Gastroenterological Diseases	3	Gastroenterology	MED/12-MEDS-10/A	B	3	II
Hygiene and Global Public Health	8	Hygiene and Global Public Health Occupational Medicine	MED/42-MEDS-24/B MED/44-MEDS/25B	B B	5 3	II
Fourth Year Clinical Clerkship	12	Endocrinology Metabolic Diseases Rheumatology Nephrology Urology Pathology Hematology	MED/13 - MEDS-08/A MED/09 - MEDS-05/A MED/16 - MEDS-09/C MED/14 - MEDS-08B MED/24 - MEDS-14C MED/08 - MEDS-04/A	F F F F F F F	1 1 1 1 1 1 1	Y



Corso di Studio Magistrale a Ciclo Unico in "MEDICINE AND SURGERY"

		Oncology	MED/15 - MEDS-09/B	F	1	
		Imaging	MED/06 - MEDS-09/A	F	1	
		Nuclear Medicine	MED/36 - MEDS-22/A	F	1	
		Radiotherapy	MED/36 - MEDS-22/A	F	1	
		Gastroenterology	MED/36 - MEDS-22/A	F	1	
			MED/12 - MEDS-10/A			



Corso di Studio Magistrale a Ciclo Unico in "MEDICINE AND SURGERY"

Fifth year

Integrated Course	CFU	Subject	SSD (old name – new name)	Type	CFU Lectures	SEM
Neuroscience	8	Neurology Neurosurgery Neuroradiology	MED/26-MEDS-12/A MED/27- MEDS-15/A MED/37- MEDS-22/B	B B B	5 2 1	I
Obstetrics and Gynecology & Fetal Development Abnormalities	5	Obstetrics and Gynecology Fetal Development Abnormalities	MED/40-MEDS-21/A MED/03-MEDS-01/A	B C	4 1	I
Pharmacology	10	Pharmacology	BIO/14 - BIOS-11/A	B	10	I
Pediatric Science	6	Pediatrics Pediatric Surgery Child Neuropsychiatry	MED/38 – MEDS-20/A MED/20 - MEDS-14/A MED/39 – MEDS-20/B	B B B	4 1 1	II
Psychiatry and Clinical Psychology	7	Psychiatry Clinical Psychology	MED/25 -MEDS-11/A M-PSI/08-PSIC-04/B	B B	5 2	II
Orthopedics and Traumatology & Physical and Rehabilitation Medicine	6	Orthopedics and Traumatology Physical and Rehabilitation Medicine	MED/33-MEDS-19/A MED/34-MEDS/19/B	B B	4 2	II
Legal Medicine	5	Legal Medicine Bioethics	MED/43 -MEDS-25/A MED/43-MEDS-25/A	B B	4 1	II
Fifth Year Clinical Clerkship	13	Neurology Neurosurgery Neuroradiology Obstetrics and Gynecology Pediatrics Pediatric Surgery Child Neuropsychiatry Orthopedics and Traumatology Physical and Rehabilitation Medicine	MED/26-MEDS-12/A MED/27- MEDS-15/A MED/37- MEDS-22/B MED/40-MEDS-21/A MED/38 – MEDS-20/A MED/20 - MEDS-14/A MED/39 – MEDS-20/B MED/33-MEDS-19/A MED/34-MEDS/19/B	F F F F F F F F F	2 1 1 2 3 1 1 1 1	Y



Corso di Studio Magistrale a Ciclo Unico in "MEDICINE AND SURGERY"

Sixth Year

Integrated Course	CFU	Subject	SSD	Type	CFU	SEM
Internal Medicine	8	Internal Medicine mod. A	MED/09 -MEDS-05A	B	7	I
		Internal Medicine mod. B		C	1	
General Surgery	9	General Surgery mod. A	MED/18-MEDS-06/A	B	8	I
		General Surgery mod. B		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	13	Internal Medicine	MED/09 -MEDS-05/A	F	5	Y
		General Surgery	MED/18-MEDS-06/A	F	4	
		Anesthesiology and Intensive Care	MED/41- MEDS-23/A	F	2	
		Emergency Medicine	MED/09 -MEDS-05/A	F	1	
		Emergency Surgery	MED/18 -MEDS-06/A	F	1	



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TPVES Practical Evaluation Traineeship (15 CFU) (5th-6th 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